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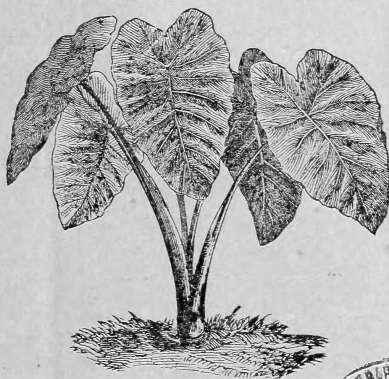
HENRY MICHEL'S

ANNUAL

PLANT CATALOGUE

—FOR—

SPRING, 1874.



Salesroom: 107 N. Fifth Street,

ABOVE CHESTNUT.

GREENHOUSES:

Cor. Tower Grove and Magnolia Aves., South of Shaw's Garden.

SAINT LOUIS:

J. McKittrick & Co., Printers and Lithographers, 522 North Main Street.

1874.

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TO MY PATRONS.

I TAKE much pleasure in presenting to your notice my new Annual Catalogue, which has been somewhat reduced in size, but it contains as complete lists as in former years, with the exception of the Flower Seed List, which has been greatly reduced, as the other department requires nearly my whole time and attention. For January, 1875, I will issue a complete catalogue, with many new illustrations and explicit descriptions, which will be forwarded as usual to all former customers.

I have been compelled to remove the Greenhouses from the old location, as the smoke and dust in the city naturally impairs the growth of plants very much. My new Greenhouses, covering an area of an acre, and built to grow plants on the most economical plan, are situated outside of the city, south of the well known SHAW'S BOTANICAL GARDENS, opposite the north entrance of Tower Grove Park. The plants at my new location have thus far made a remarkably strong and healthy growth, and I feel confident that all who may entrust their orders to me, will be well pleased with the stock sent out.

With thanks for favors of the past, I would solicit a continuance of the same, and trust by fair and upright dealings to still merit a due share of the patronage of the public.

HENRY MICHEL,
ST. LOUIS, MO.

Notice to Correspondents.

PACKING—All plants are packed in such a manner as to insure their safe arrival at any time of the year. Packing will be charged in every order, and only sufficient to cover cost of material.

All goods are delivered free of charge to the Express office and a receipt secured therefor. After this they are unconditionally at the purchaser's risk.

Never mix your order in with the body of the letter, but write on a separate sheet, to prevent mistakes in the hurry of the packing season.

Give plain and explicit shipping directions.

Remember to give Name and Post Office address; often letters are received without signature or address, which always causes a great deal of trouble and vexation.

TERMS—Cash with the order, unless specially agreed otherwise. On orders marked C. O. D., one-fourth the purchase money is required with the order. Orders from unknown correspondents must be accompanied with the *Cash* or satisfactory reference.

Small Plants sent by mail as heretofore, *at prices per single plant*, and *no order* filled for less than *One Dollar*. No plants will be labeled.

All correspondence should be addressed to

HENRY MICHEL,
No. 107 North Fifth Street,
ST. LOUIS, MO.

SOWING OF FLOWER SEEDS.

Seedsmen are generally held responsible for the success of articles sent out by them. In one respect this is but just, as no responsible firm will send out seeds whose germinating power has not been proved by previous test. Nor will it purchase or grow seeds of inferior, doubtful quality. Much of the disappointment experienced by many who buy their seeds in the nearest family grocery, arises from the nature of the seeds. For such deceptions, practiced most freely in the West, there is no excuse. People will gradually learn the difference between good and bad, and have to blame themselves when disappointed. Reliable seedsmen are making costly efforts to spread their catalogues broadcast throughout the land, and offer the most liberal inducements to the public. Let people deal with them, and not with quacks, and nine-tenths of the present complaints will be heard no more.

The next consideration is that of TREATMENT. For this the buyer is the responsible party. Let this be understood before you drop your seeds. The proper corresponding circumstance and care in treatment are fully as important as trustworthy seeds themselves. But how sadly are they forgotten by many, who wonder why the seeds do not come up. Sow seeds in wet, cold ground, too early in the season, or cover fine seeds as deep as you do corn, and you are sure to fail in many cases.

A certain degree of heat and moisture, as well as darkness, is indispensable to germination. Seeds, therefore, are sown out doors when the ground is somewhat warmed by reviving Spring. When sown previous to this period, they must have a bed made with artificial heat, and sheltered by glass. To secure the moisture and darkness needed, they are covered with fine earth, in due proportion to their size. A Sweet Pea or a Castor Bean will stand a heavy coating, whilst the smaller seeds must be covered but very lightly. Seeds of the smallest size, like Portulacca and Petunia, are only pressed in. A proper judgment must guide the amateur in this respect.

The soil in which you wish to raise your flowers is also of great importance. It should be rich and friable, not worse, but even better than the kitchen garden. It should never be stirred in the Spring, before sufficiently dry to pulverize freely. A hard and baking crust on the surface is always injurious and retarding.

REMARKS ON SOWING FLOWER SEEDS.

Most varieties of seeds may be sown in the open border as soon as the ground is in good order—say from the first of April to the first of June. The soil should be well pulverized before sowing. Most varieties are much benefited by transplanting. These should be sown in cold frames or nursery beds, where special care can be given them, and when about three to five inches high, transplanted to their blooming quarters. By these means the garden may be filled with early blooming plants. By the time these are through their flowering season, the Annuals, sown in the open border, will be ready to transplant to their places, making the flower garden attractive the entire season.

Other Annuals, such as Poppies, Larkspurs, Mignonettes, Escholzia, Cynoglossum, etc., should be sown in the place where they are intended to bloom.

The fine seeds, such as Portulacca, Petunia, Lobelia, etc., should always be sown on the surface of the soil and merely pressed in, and then watered with a fine rose. Care should, however, be taken not to let the soil get dry, or the seeds germinating will be dried up and perish before the roots have acquired sufficient strength to penetrate the soil to where it is moist. This rule may be applied to all seeds. The larger seeds should be covered from one-eighth to one-fourth of an inch.

Many of the Annuals, such as Mignonettes, Pansies, Lobelia, Browallia, Stocks, Petunias, etc., if sown in Summer or Fall, are very attractive for winter decoration in green-houses and conservatories. For this purpose, seeds may be sown in pots. A mixture of loam, leaf-mold and sand is most desirable, although a cold frame, in a shady place, is preferable. When the seeds are up, air and light should be more freely admitted, until they are hardy to stand the sun. When large enough, transplant into small pots, and into larger pots when necessary. Place them near the glass, and admit air freely when the weather allows.

FLOWER SEEDS BY MAIL.

On receipt of the annexed prices, all seeds named in the following lists will be sent to any address in the United States, by mail, postage pre-paid. *Orders made from former catalogues should have the date of the catalogue from which the order was made, so as to avoid mistakes.*

FORMATION OF CLUBS.

To parties clubbing together to get larger collections of Flower Seed, we make the following liberal offer :

For a remittance of \$2 00 the sender may select Seeds to the amount of \$2 25.

"	"	4 00	"	"	"	"	"	4 50.
"	"	6 00	"	"	"	"	"	6 75.
"	"	10 00	"	"	"	"	"	12 00.
"	"	20 00	"	"	"	"	"	25 00.

The above reductions are *only* on Flower Seeds in papers, and *not* on Plants and other articles. In all instances the *cash* must accompany the order where the deduction is expected. In ordering seeds it will be sufficient to *state the number* preceding the name.

In ordering it will be sufficient to state the NUMBER only of the variety desired.

Per packet.

4. *Alyssum Calycinum*, (Sweet Alyssum)—Very free flowering plants, with clusters of small white flowers; very suitable for borders and bouquets, six inches.. \$0 05

ASTERS.—The Aster is the most showy of all the annuals, and in a climate where they succeed well there is no flower that can surpass them in brilliancy of color or form of flower. The seeds should be started in a hot-bed, and transplanted to the open border as soon as all danger of frost is over.

11. *Victoria Aster*—Flowers very regular, large and very double, robust growing variety, all colors mixed..... 10
 15. *Paeonia Perfection*—Flowers measuring from three to four inches in diameter, very full and perfect flowers..... 15
 16. *New Globe-flowered Aster*—Flowers of this variety are nearly round, all colors mixed..... 10
Carnations—See Perennials, (Dianthus.)
 27. *Celosia Cristata*, (dwarf, Cock's Comb)..... 10
 28. *Celosia Cristata*, (tall Cock's Comb)..... 10

CHEIRANTHUS ANNUUS (Ten Week Stocks.)—Of annuals, the Ten Week Stocks are among the most desirable. Flowers borne on large trusses, varying in all shades of color, from pure white to dark blood red, and from light blue to deep purple, with a delicious fragrance.

34. *Large Flowered*—Pure White..... 10
 36. *Large Flowered*—Deep blue..... 10
 37. *Large Flowered*—Dark Red..... 10
 39. *Large Flowered*—All shades and colors mixed..... 10
 55. *Delphinium Imp. Hyacinth flowered*—Dwarf, extra double, mixed..... 5
Dianthus Caryophyllus—Carnations. See Perennials.
 59. *Dianthus sinensis flora plena*, (China Pink)—Very double, growing about 6 to 8 inches high, all colors mixed..... 10
 61. *Dianthus Heddewegii flora plena*, (Japan Pink)—This variety has the largest flowers, double..... 10
 71. *Geranium Zonale*, (Scarlet Geraniums)—Plants grown from seeds will bloom freely the first season, and if lifted carefully in autumn will flower during winter in the conservatory..... 20

IBERIS (Candytuft).—Plants of easy culture; flowers fragrant and very useful in forming bouquets. Sow where intended to flower.

77. *Iberis Odorata*—White, 1 foot..... 5
 81. *Iberis*—All colors, mixed..... 5

IMPATIENS BALSAMINA (Lady Slippers).—Flowers delicate and waxy-like, in many variegations and shades of color; perfect flowers; will compare favorably with Camellias. They flourish luxuriantly in a rich garden soil.

82. *Rose Balsam*—Extra double, rose form, finely imbricated, all colors mixed..... 15
 84. *Solferino*—New, striped, very double and fine..... 15
 85. *Camellia flora*—Pure white..... 20
 86. *Balsams*—Choice mixed, in all colors..... 10

Per packet.

LOBELIA.—Exceedingly pretty plants; very free flowering and desirable for edging, growing about four inches high. Should be planted in a somewhat shady situation, as they do not endure the hot sun. For pot or basket culture there are but few plants that are as graceful and free flowering as the Dwarf Lobelias.

92. *Lobelia Paxtonia*—A beautiful variety, with large flowers, pure white, with a broad, clear blue belt, very desirable for pot culture. \$0 10
 93. *Lobelia speciosa*—Deep azure blue, very free blooming variety, one of the best. 10
Mignonette—See Reseda.
Pansy—See Viola Tri-Color.

119. **PETUNIA.**—Will thrive well in the most exposed situations, and bloom profusely throughout the entire season. Flowers vary in color, from pure white to pink, deep crimson, purple and scarlet.

119. *Petunia*—All colors, fine mixed. 5
 121. *Petunia Hybrida flora plena*—(Choice Double Petunia) 25

PHLOX DRUMMONDII.—With good soil and cultivation, a bed of Phlox can be made the most gorgeous and attractive of the flower garden. Sow in the open border in April and May.

122. *Phlox Drummondii*—Pure white, extra. 10
 123. *Phlox Drummondii*—Bright scarlet, extra. 10
 127. *Phlox Drummondii*—Choice mixed, in all shades and colors. 10

PORTULACCA (Flowering Moss).—A very popular class of plants, growing about six inches high, delight in a warm, sunny situation; very desirable for rock work. Sow seeds early in Spring on surface of ground.

134. *Portulacca*—Fine mixed, all shades and colors. 5
 135. *Portulacca grandiflora plena*, (double flowering Rose Portulacca)—Flowers very full and double, one to two inches in diameter, in appearance resembling roses; all colors mixed. 20
 136. *RICINUS (Sanguineus)*.—Ornamental Castor Oil Bean; 12 feet. 10
 138. *Reseda odorata grandiflora*, (Sweet Mignonette)—A well known fragrant flower of easy culture, desirable on account of its delightful fragrance, per oz. 25 cts. 5

TROPÆOLUM NANA (Dwarf Nasturtium).—Free flowering annuals, low trailing habit, blooming throughout the season. Should be planted in a somewhat shady place. Very desirable for hanging baskets; also in the conservatory for Winter blooming.

154. *Trapezolum, King of Tom Thumb*—Foliage dark green, flowers brilliant scarlet, produced in great abundance. 10
 156. *Trapezolum spotted*—Yellow, spotted crimson. 10
 166. *Verbena hybrida*—Of all bedding plants, the Verbena is undoubtedly the most popular. Seeds sown under glass early in March will flower by the first of May, and continue until frost. Seeds selected only from the best named varieties. Mixed. 10

VINCA (Madagascar Periwinkle).—Very pretty, free flowering plants for bedding out; also, for pot culture. Start seeds early in the house, and if transplanted into a warm, sheltered situation, they will flower the first season.

167. *Vinca rosa*—Large pink flowers. 10
 168. *Vinca rosa alba nora*—Pure white. 10
 169. *Vinca rosa alba*—White, with pink center. 10

VIOLA TRI-COLOR (Pansy).—One of the most popular florist and amateur flowers for early spring flowering. Plant seed in autumn; the young plants must be slightly protected during winter. If planted in a cool, shady place, they will flower throughout the summer.

171. *Viola tri-color*—Choice mixed, saved from first-class flowers only, extra. 25
 172. *Viola tri-color*—Fine mixed, all colors. 10

ZINNIA ELEGANS.—Large robust growing plants, with large flowers, resembling Dahlias, blooming profusely throughout the entire summer; remarkably well adapted to our climate. A single flower will last for six weeks.

176. *Zinnia elegans, fl. pl.*—Choice, double mixed, selected from the best flowers and brightest colors only; extra. 10
 183. *Amobium alatum* (Everlasting)—The hardiest of the Everlastings; small, pure white flowers; will succeed well in any garden soil; 2 feet. 5
 191. *Helychrissum* (Everlasting)—For garden culture this is the most desirable; flowers very large and of bright colors; valuable for bouquets; all colors mixed; 2 feet. 10

ORNAMENTAL CLIMBERS.

Climbing plants are undoubtedly some of the most desirable in cultivation; all are of very rapid growth, and subject to be trained in any desirable shape or form. For covering Rustic Arbors, Trellis or Walls, they are indispensable; some are cultivated for their ornamental foliage, while others are noted for their profuse blooming qualities and beautiful flowers. The more delicate varieties are very popular house plants, and when nicely trained are a beautiful ornament.

206. *Cobea scandens*.—A strong-growing vine, with pretty foliage, large cup-shaped flower, well adapted for green-house culture. The seeds should be started under glass, or in a warm and rather dry situation out doors; in a cool soil the seeds generally rot; will grow to the height of 25 feet in one season..... \$0 10
207. *Ipomea purpurea* (Morning Glory)—20 feet; all colors mixed..... 5
213. *Ipomea quamoclit* (Crimson Cypress Vine)—Very elegant, fine cut foliage, star-shaped crimson flowers; 20 feet..... 5
214. *Ipomea quamoclit*.—White Cypress Vine..... 5
215. *Lathyrus odoratus* (Sweet Pea)—Free flowering plants, blooming a long time, flowers very fragrant; the Sweet Peas are well adapted to form a hedge in the flower garden, grows best on Pea sticks; plant seeds about 3 inches deep, early in the spring; 4 feet..... 5
221. *Maurandia Barclayana*.—Mixed; all colors..... 10
- MOMORDICA.**—Useful trailing plant for old stumps, rock-work, etc. Curious and ornamental foliage; the fruit of a golden yellow-warted, and when ripe it opens and discloses the brilliant crimson interior.
222. *Momordica Balsamina*.—(Balsam Apple)..... 5
223. *Momordica Charantia*.—(Balsam Pear)..... 10
224. *Thunbergia*.—The Thunbergias are very pretty small climbers, suitable for house culture; all colors mixed; 5 feet..... 10
225. **TROPÆOLUM Majus (Nasturtium).**—These are beautiful free blooming climbers, flowering in many shades, from yellow to dark brown; plants will prosper in any good garden soil; all colors mixed..... 5

PERENNIALS.

This section comprises plants grown from seed that will bloom for many years, dying down in Autumn, and each Spring throw up a succession of new sprouts and flower stocks. Many of them will flower the first year from seeds, while others do not flower until the second year.

232. *Althea rosea*, fl. pl. (English Hollyhock).—The English Hollyhocks are the most perfect and finest in cultivation; the seeds we offer have been selected from the finest named varieties only, and will not fail to give a large per cent. of the choicest flowers; 6 feet..... \$0 15
237. *Aquilegia vulgaris* (Columbine).—Double, mixed..... 10
243. *Canna* (Indian Shot).—Very desirable ornamental foliage plants, very robust growth. The roots should be taken up after frost, and stored away in a good cellar for next year's planting; all varieties mixed..... 10
244. *Campanula media*.—Showy perennials, flowering throughout the season; white..... 10
245. *Campanula media*.—Blue..... 10
246. *Campanula media* fl. pl. —Double, white..... 10
256. *Delphinium formosum* (Perennial Larkspur).—Flowers large blue, blooming from May until frost; hardy; bloom first year from seed; 3 feet..... 10
258. *Delphinium sinensis* (China Larkspur).—Mixed; 2 feet..... 10
260. *Dianthus Caryophyllus*.—The Carnation is one of the most popular flowers in cultivation; flowers large, beautiful, and delightful fragrance. The seeds offered are all imported, from the most extensive growers in Europe; fine, double selves..... 10
265. *Dianthus Barbatus* (Sweet William).—Finest double, mixed, 1 foot..... 10

HOT-HOUSE OR STOVE PLANTS.

Tropical vegetation is the crowning effort of the entire vegetable world. Fullness and perfection in form and color is the type by which we recognize the tropic zone, from whence our most interesting floricultural treasures have been imported. Tropical plants must be cultivated in an atmosphere approximating the climate of their native land. Our hot-houses, therefore, must be warm and moist. Their normal temperature should not be below sixty degrees of Fahrenheit. A genial shade must protect the plants in summer from our burning sun. A constant sojourn under glass is necessary for many, while others succeed perfectly well when planted out in summer in the open ground. The amateur can safely keep the hardier ones in temperate rooms. Some leading kinds of easy culture should be in every collection of "PARLOR PLANTS."

Below I give a list of STOVE or HOT-HOUSE PLANTS. The BEDDING PLANTS belonging to this class appear under their respective headings.

<i>Areca Sapida</i> —(Palm).....	\$ 3	50
<i>Achania Malvaviscus</i> —For winter blooming, a good bedding plant.....	25	to 50
<i>Adhotoda Cydonifolia</i>		50
<i>Aspidistra Elatior Variegata</i> —Leaf plants, fine glossy foliage, hardy.....		50
<i>Amaryllis</i> —(See Bulbous Roots).		
<i>Bilbergia Fasciata</i> —Related to the Pine Apple tribe; foliage dark green, large and upright; produces from its heart a flower stem of the most striking beauty.....	\$1 00	to 2 00
<i>Bouvardia</i> — <i>Liantha</i> —Bright scarlet. <i>Hogarth</i> —vigorous, fine light rose. <i>Elegans</i> —carmine, very large truss. <i>Davidsoni</i> —white.....		price 50
The Bouvardia are amongst the most profuse winter flowering plants, indispensable to florists for winter flowers, of easy culture.		
<i>Bonapartea Juncæ</i> —Fine specimen, a graceful drooping leaf plant, very distinct and choice.....		25 00
<i>Bletia Tankervillei</i> —A leaf plant of the Orchid tribe, free and beautiful bloomer....	1	00
<i>Bogonia</i> — <i>Argyrostigma</i> —Long light green foliage, with silvery white spots.....		50
" <i>Arborea</i> (Tree Begonia)—Foliage and flower truss very large; robust growth.....		50
" <i>Cocularis</i> —Flowers greenish-white, very compact grower.....		50
" <i>Dregii</i> —White, free summer flowering variety.....		50
" <i>Hydrocotylefolia</i> —Smooth foliage, pink flower, desirable for baskets.....		50
" <i>Hydrocotylefolia Hybrida</i> —Same as foregoing, but smaller.....		50
" <i>Fuchsoides</i> —Flowers crimson, drooping habit, resembling fuchsias.....		50
" <i>Alba</i> —Habit of the foregoing but more robust; flower white.....		50
" very free flowering.....		50
" <i>Incarnata</i> —Carmine, very free blooming variety.....		50
" <i>Lapeyrousa</i> —Very large truss; good winter bloomer.....		50
" <i>Mamicata</i> —Flowers pink; very profuse bloomer.....		50
" <i>Hybrida</i> —Strong and robust grower.....		50
" <i>Macrophylla</i> —Very large smooth foliage; this variety is very often called Elephant's Ear, as the foliage resembles the ear of an elephant in shape.....		75
" <i>Nitida</i> —Large truss pink flowers; one of the best winter bloomers.....		50
" <i>Ricinifolia</i> —Very large leaves.....		50
" <i>Maculata</i> —Foliage marbled.....		75
" <i>Sandersti</i> —Flowers red, very free bloomer.....		50
" <i>Sanguinea</i> —Glossy blood-red leaves.....		50
" <i>Parvifolia</i> —Small foliage, flowers white, Summer bloomer.....		60
" <i>Zebrina</i> —Dark-red foliage.....		50
" <i>Ree</i> and sub-varieties, with showy foliage.....	50	to 1 00

The Begonia are a class of plants of very easy culture, of great beauty of foliage, and free winter flowering, indispensable in any winter collection of blooming plants.

<i>Caladiums</i> —In varieties, ornamental foliage plants; very desirable for Summer decoration in green-house.....	50	to 1 00
<i>Calla Æthiopica</i> (Lily of the Nile).....		50
<i>Clerodendron Fragrans</i> —Flowers deep pink, very fragrant; this variety will stand the winter out doors.....		50
<i>Beltourii</i> —Beautiful crimson flowers, delights in heat.....		1 00
<i>Cissus Discolor</i> —A climbing plant with brilliant, dark-red and variegated velvety foliage.....		50
<i>Clivia Nobilis</i> —Bulbous-rooted plants, with showy foliage.....		1 00
<i>Coccoloba platyclata</i> —A beautiful plant with smooth flat stems, dark glossy green, suitable for ferneries, also a choice bedding plant.....		25
<i>Columnea Crassifolia</i> —Greyish green foliage, very curious flowers.....		50

<i>Corypha Gebanga</i> (Palm).....	each \$5 00
“ <i>Australis</i> (Palm).....	“ 2 50
<i>Curculigo Recurvata</i> —Palm-like foliage plant of great decorative effect, very desirable for parlor decorations.....	each, 50 to 1 50
<i>Cycas Revoluta</i> (Sago palm)—The Sago Palm is unsurpassed for its decorative appearance; fine specimens, \$5 to \$10; an extra fine specimen at \$25; one at \$125; one at \$150—this specimen is seven feet high and six feet in diameter.....	1 00
<i>Dieffenbachia Picta</i> —A foliage plant, with large variegated leaves; very showy.....	1 00
“ <i>Macrophylla</i> —Large foliage variety.....	1 00
<i>Dracena Arborea</i> —A highly ornamental plant, with graceful drooping foliage, 50 to 100 feet high.....	1 00
“ <i>Brasilensis</i> —Large, broad foliage; very desirable.....	50 to 2 00
“ <i>Draco</i> (Dragon Tree)—Fine specimens.....	\$1.00 to 5 00
“ <i>Ferrea</i> —Narrow, drooping foliage.....	50
“ “ <i>Rubra and Rosea</i>	75
<i>Dracenas</i> —Are all well adapted for parlor decoration.....	
<i>Euphorbia Splendens</i> —A thorny plant, resembling a Cactus; blooming profusely during Winter; scarlet flower.....	50 to 1 00
“ <i>Coccinea</i> —Flowers crimson, similar to the preceding.....	50
<i>Ficus Elastica</i> (India Rubber Tree)—Large, glossy foliage; popular parlor plant.....	1 00
<i>Ficus Macrophylla</i> —large leaves very ornamental.....	1 50
“ <i>Chouwerii</i> —very large oval leaves. small plants.....	1 50
“ <i>Cooperii</i> —dark leaves, ridges under leaves red.....	1 50
“ <i>Cordata</i> —Downy foliage.....	75
“ <i>Nitida</i> —Dark, glossy foliage of highly decorative effect.....	25 to 1 00
“ <i>Repens</i> —A fast growing, beautiful climber, self-fastening on stone or wood.....	25
<i>Fittonia Argentea</i> —Beautiful, silvery-veined leaves.....	50
“ <i>Gigantea</i> —New leaf plant, with large red-veined foliage.....	50
<i>Festuca Glauca</i> —A very neat grass, of a bluish green color, excellent for rustic baskets, stands, &c.....	25
<i>Gloxinia Hybrida</i> —In variety.....	50 to 1 00
<i>Hybiscus Sinensis</i> —In five choice and distinct varieties, foliage a deep rich glossy green, flowers very large and attractive, blooming throughout the entire summer, fine specimen plants.....	each \$ 5.00 to 10 00
Small Plants that will bloom first year.....	50 to 1 00
<i>Heamanthus Coccineus</i> —Very broad-leaved, bulbous plant, with showy flowers appearing before the leaves.....	2 00
<i>Heterocentron, Album</i> —A valuable winter-bloomer, of easy culture.....	25
<i>Jasminum, Revolutum</i> —Fragrant yellow Jasmin.....	50 to 1 00
“ <i>Officinale Grandiflora</i>	50
“ <i>Grand Duke</i> —Blooms in Summer, very fragrant, large and double.....	1 00
The Jasmins are long and slender growers, almost climbing; desirable pillar plants, free blooming.	
<i>Justicia Aurantica</i> —Flowers in large clusters, orange, <i>carnea</i> flesh color, <i>discolor</i> deep pink.....	25
<i>Isotelis Gracilis</i> —Beautiful grass-like plant for hanging-vases.....	25
<i>Kaufussia Salicifolia</i> —Dark, narrow leaves; free winter bloomer.....	25
<i>Latania Borbonica</i> —(Palm).....	each \$3.00, \$10.00 and 15 00
<i>Manettia Cordifolia</i> —A beautiful climber, with scarlet tube-shaped flowers, blooming August and September, each.....	25
<i>Maranta Zebrina and Bicolor</i> —A family of showy leaf plants, with glossy, beautiful tinted colored foliage.....	50 to 1 00
<i>Musa Paradisiaca</i> —The Banana is a splendid leaf plant, with immense foliage; a real type of the tropics. Succeeds remarkably when planted out in sheltered positions, attaining often the height of ten feet in one summer.....	1 00
<i>Panicum Variegatum</i> —This beautiful variegated grass proves to be one of the most graceful and ornamental plants yet introduced for rustic baskets, vases, etc. The ground color of the leaf is bright green, fully one-half being occupied by pure white stripes, tinged with pink, forming a striking contrast. It is of free growth and graceful habit, drooping two or three feet from a basket in as many months.....	Price per dozen, \$2.00; each 20
<i>Passiflora</i> —Five varieties; the Passion flower is undoubtedly the most desirable hot house climber, of easy culture rampant growth and striking form possessed by no other flower.....	each, 50 to 1 00
<i>Phoenix Dactylifera</i> —[Date Palm], small plants.....	75 to 1 00
“ <i>Leonensis</i> —[Palm].....	5 00
“ <i>Pumila</i> —[Palm].....	5 00
<i>Plumbago Capensis</i> —Blue. Profuse bloomer, when bedded out.....	25
“ <i>Rosea</i> —Requires a very warm atmosphere.....	50

<i>Pilea</i> —Two varieties, desirable basket plant of graceful habit; resembling ferns.....	\$0 25
<i>Peperomia</i> —In varieties; this beautiful ornamental plant is a native of Brazil. The leaves, which are of a wax-like character, are of great substance, with bright green ribs or veins, the intervening spaces being white, giving the impression of burnished silver. It is of easy cultivation, rooting freely from the leaves, and will prove a first-class plant for rustic baskets, and ferneries.....	40
<i>Pitcairnea Splendens</i> —A showy leaf plant; flowers red.....	75
<i>Rheophylla Japonica</i> —Variegated; fine slender variegated leaves, firm texture; well suited for room culture.....	1 00
<i>Reinekia Carnea Variegata</i> —A variegated grass-like plant, fine for ferneries.....	50
<i>Rogeria</i> —Hard-wooded stove plant, with large heads of Hydrangea-like flowers \$1.00 to.....	5 00
<i>Poinsettia Pulcherrima</i> —Red.....	50 to 1 00
Related to Euphorbia, of milky texture. The leaves preceding the rather insignificant flowers are of the most exquisite crimson color. Highly ornamental for floral decoration. A winter plant, ordinarily green in Summer. Require a great degree of heat to bring them to perfection.	
<i>Rynchospermum Jasminoides</i> —A free-blooming climber; flower white and fragrant.....	50 to 1 00
<i>Ruellia Cœrulea</i> —Blue; is useful for Winter-blooming.....	50
<i>Formosa</i> —Red; a Summer-bloomer and good bedding plant.....	25
<i>Russelia Juncea</i> —A slender drooping plant, of easy culture; flowers tube-shaped, red, well suited for vases and hanging-baskets.....	25 to 50
<i>Rhodea Japonica</i> —.....	50
<i>Variegata</i> —Plants with stiff and glossy foliage.....	75
<i>Sabal Adansonii</i> —[Palm], of highly ornamental effect, strong plants.....	5 00
<i>Seaforthia Elegans</i> —[Palm], fine plants, each.....	4 00
<i>Selaginella</i> (Lycopodium)—A beautiful class of tropical moss; of easy culture; delights in heat, moisture and dark shade.....	25 to 50
<i>Solandra Guttata</i> —Flower white, tube-shaped, often six inches long; foliage stiff, dark green.....	5 00
<i>Strelizia Regina</i> —A splendid leaf plant, with striking, erect foliage; flower of the most remarkable form and size, orange and blue, resembles a bird with folded wings; a standard plant in Floriculture.....	5 00
<i>Tradescantia Arborea</i> —Fast-growing, robust leaf plant, throwing out from a main stem long branches. Curious and desirable.....	25
<i>Tradescantia Zebrina</i> and <i>Virens</i> —.....	25
Soft-textured, trailing, free-growing plants; useful for hanging-vases, decoration of rock-work and edgings; succeed well when planted out in shady spots.	
<i>Vinca Rosea</i> and <i>Alba</i> —Free-blooming and very desirable bedding plants; require much heat in Winter. Under favorable circumstances they are desirable Winter bloomers.....	25
<i>Wigandia Vigieri</i> —Robust-growing plants, with very large foliage when bedded out during Summer; very desirable as a single specimen on a Lawn.....	\$ 1 00

GREEN-HOUSE PLANTS.

HARD-WOODED.

This class embraces plants introduced from Japan, China, Australia, and the Cape of Good Hope, from temperate climates, not subject to extremes of temperature. Their growth is generally slower than that of softer textured plants. To many, our midsummer heat and drying winds are fatal and injurious, depriving them at times of much of their vitality. A shady, airy situation is required to keep them during Summer. Their temperature in Winter must be above the freezing point, may ordinarily range from 40 to 45 degrees Fahrenheit. The hardier ones can easily be kept in pits or cellars.

Acacia Armata—A native of the Cape, with graceful slender twigs, covered in Spring with yellow flowers..... 50 to 1 00 |

Azalea Indica—One of the most gorgeously blooming families; together with the Camellia, the showiest of all green-house plants. The colors of the flower vary from the purest white to the deepest crimson, in untold variations. The Azalea requires a peculiar soil of a sandy, peaty nature; although thrifty free-growing plants, are often seen in a loamy substance. The soil should always be packed hard when transplanted. Their success depends, however, more on the degree of moisture in the atmosphere in which they live. To this we can only find an explanation of the wide difference in success and failure, more striking in the Azalea than in any other plant. Continued

dryness of atmosphere is often followed by the red spider, which invests the leaves. This is a deadly enemy to the plant—destroyed by an application of whale oil and soap suds. A preventive, however, is always better than a cure. (A few extra fine plants at special rates.) Good plants, \$1.00 to \$3.00 each.

- Camellia Japonica**—The royal family of green-house plants. Leaves glossy green, and flowers of exquisite beauty and waxy texture. From pure white to crimson, in almost endless variations. The pure white ones are generally prized above the colored varieties. Their culture is nearly related to that of the Azalea, but their success more certain. Require shade and moisture throughout the hot season. Their time of blooming is Winter and early Spring. Require a moderate and uniform temperature, with as little artificial heat as possible. When set with flower buds, great care must be taken in watering. When left too dry the buds are sure to drop. Plants averaging 24 to 30 inches, \$2.00 to \$3.00; larger ones in proportion, up to \$10 00
- Cassia Rutilans**—Rampant growing, free blooming, yellow 50
- Cestrum Nocturnum** (Night blooming Jasmine)—Flowers profusely, light yellow and very fragrant. 50
- Parquia**—Pure white, in small clusters 50
- Aurantium**—Flowers freely, in very showy bunches; orange. 50
- The above are of easy culture and very desirable.

- Chorozema Varium**..... 50
- Coronilla Emeris**—A neat plant of the bean-flowered tribe, with fine pinnated foliage; flowers yellow, small plants. 25
- Cytrus**—The culture of these is easy. Must be planted in a substantial, rich, loamy soil; should never be kept too wet, as this will make the leaves quite yellow. When planted out in summer they make a vigorous growth; should be kept close when set in pots again. May be kept in cellar or cold pit during winter.
- Cytrus Otahaiti** (Dwarf Orange)—Bears freely a fine crop of small oranges. 25 to 50
- “ Sweet Orange—..... 1 00

- Daphne Odorata**—A beautiful, fragrant blooming plant. Demands for health and best success, a moist, cool atmosphere the year round. It is of easy culture when growing in a humid air; almost useless in a dry atmosphere. 1 00

- Ewonymus Japonica**—Evergreen shrubs of most decorative value, nearly hardy in our locality; will stand ordinary Winter with little protection. Splendid large plants of the *Japonica* and *Variegata*, well furnished 25 to 50
- Ewonymus Japonica**..... 25 to 1 00
- “ “ *variegata*..... 25 to 1 00
- “ “ *aureus*..... 25 to 75

- Eugenia Australis**—A decorative plant, with small, glossy leaves; flowers white; demands shade. Fine specimens, \$10.00; small plants. 50

- Fabiana Imbricata**—A neat, slender growing, freely blooming plant, bearing tube-shaped flowers. 25 to 50

- Gardenia Florida fl. pl.** (Cape Jasmine)..... 25 to 1 00

- Habrothamnus Elegans**—Rampant growing when planted out. Flowers in droop-clusters, dark red. When grown in pots, a good winter bloomer 25

- Hedera**—The well known Ivy is a hardy climber in Europe and in our Eastern States. In the West only in certain well shaded positions, sheltered from the winds and snow in winter, and extreme heat of summer. As a pot plant it is unequalled by any climber for freedom of growth, hardness and decorative beauty.

- Hedera Helix**—English Ivy; 7 varieties. 25 to 1 00

- Hydrangea Japonica**—A well known plant, with large heads of showy pink flowers, easily wintered in a cellar. Strong plants. 25 cts. to 1 00

- Hypericum Calycinum**—Free flowering shrub, with large yellow flowers. 50

- Lagerstromia Indica** (Crape Myrtle)—A universal favorite everywhere. Flowers profusely in summer; rich pink. Drops foliage in fall, and can be wintered in the cellar; almost hardy. 75

- Laurus Nobilis**—Sweet Laurel, well known everywhere; foliage, stiff, glossy and scented 75 to 2 00

- Laurus Tinus**—Dark foliaged shrub, rich winter bloomer; similar to a snow ball. 25 to 1 00

- Magnolia**—The Magnolia is of remarkable beauty of large, glossy foliage, and immense white flowers. Under the most favorable circumstances, well protected, the Magnolia will stand out during winter.

- Magnolia Grandiflora**—Large Plants \$1.00 to 10 00

- Metersideros Floribundus** (Bottle Brush)—A native of the Cape; very desirable for its striking flowers, resembling a bottle brush. Flowers red, with prominent yellow stamens. 50 to 2 00

- Myrica Poetica**—A very neat small-leaved plant, with beautiful white double flowers 50

- Melaleuca**—A graceful, slender-growing family from the Cape, with small leaves; highly ornamental as a contrast in the green-houses.

Myrtus Communis —The Myrtle delights in a moist atmosphere, where it attains its greatest perfection. The culture should come as near as possible to this consideration. Grows freely when planted out during summer. Must be handled carefully after being potted.....			50 cts. to \$2 00
Nerium Oleander —The Oleander is unsurpassed for hardiness, freedom of growth, and beauty of flowers. It likes the brightest sun in summer, and is easily wintered in cellars.			
<i>Nerium Oleander</i> —Double, pink.....	25 to	1 00	
<i>Album</i> —White.....	25 to	1 00	
<i>Defiance</i>		75	
<i>Geant des Batailles</i> —Double, deep scarlet.....	1 00		
<i>Macrophyllum</i> —Leaves and flower very large.....	50		
<i>Shaw's Seedling</i> —Deep crimson.....	50		
<i>Variegatum</i> —Flowers striped.....	50		
<i>Nerium</i> —Large white.....	50 to	75	
<i>Lutescens</i> —Yellow.....	1 50		
Olea Fragrans —Glossy leaves, small white flowers, very fragrant; large plants.....	50 to	1 50	
Pittosporum Torbii —A robust-growing glossy-leaved plant, producing white flowers in great profusion; very fragrant.....			5 00
<i>Torbii Variegata</i> —Same as preceding, with variegated foliage.....	50 to	5 00	
Punica Granata —A beautiful flowering shrub, blooming freely thro' summer.....			
<i>Pommegranate</i> —White, double.....	50 to	1 00	
Tall, double-flowering.....	1 00		
Bearing fruit.....	1 00		
<i>Nana Plena</i> —Dwarf, flowering white; quite small; very desirable.....	50 to	1 00	
Rosmarinus Officinalis —(Rosemary).....			50
Solanum Jasminoides —J. variegata; beautiful, free flowering climber.....			25
Tecoma Jasminoides —A climber, with glossy leaves, large white, trumpet-shaped flowers, with crimson centre.....			50
" Radicans —Half-climbing shrub, with dark foliage and orange-colored blossoms, produced in clusters.....			50
Vitis Chinensis —Of the grapevine family, with dark glossy foliage; very desirable, hardly climber.....			50
Yucca —This family is of the most striking character. Leaves long, sharp-edged and pointed, surround compactly the stem, thus forming a crown of decided palm-like appearance. Highly ornamental, and easily grown to fine large specimens, very desirable for lawn vases; they will thrive well in the most exposed places during summer. Wintered in cellar.			
<i>Arborea Aloefolia</i>	25 to	5 00	
<i>Glauc</i>		5 00	
<i>Pendula</i> —Large plants.....		2 00	
<i>Tri-color</i> —Large.....	\$2.00 to	15 00	

GREEN-HOUSE PLANTS.

SOFT-WOODED.

This class embraces the greater part of the flowering plants grown by the florists. The leading varieties desirable for garden culture will be found under the head of BEDDING PLANTS.

Abutilon —In variety, free-growing plants, with graceful bell-shaped flowers.....	\$0 25
Ageratum Mexicanum —In variety, good bedding plants, free winter bloomers.....	25
Aloysia Citroidora —Lemon Verbena.....	25
Arundo Donax Variegata —Variegated cane, very ornamental.....	1 00
Cineraria Maritima (Dusty Miller)—Plant with white foliage.....	25
Cyclamen Persicum (and varieties)—A bulbous plant, free blooming and very striking.....	50 to 1 00
Eupatorium —(Elegans, Arborea and Serratifolia). The Eupatoriums are all very desirable winter blooming plants.....	25
Erythrina Cristagalli —Coral Plant. A very desirable plant for bedding out during summer; the roots are easily wintered in the cellar—and will increase in beauty and size of flower stalk as the plants grow stronger; extra large plants \$2.00 each; plants that will flower this season.....	50 to 1 00
Farfugium Grande —Leaf plants, with large, showy, spotted foliage; demands shade.....	25

- Fragaria Indica**—China Strawberry; bearing fine red berries, and very ornamental as a trailing plant for hanging-baskets. 25
- Fuchsias** (Lady's Eardrop) The Fuchsia, a universal favorite, is one of the most graceful, delicate flowers known; to us of the West, however, but partially allowed. The dryness of our climate renders their culture during summer a difficult, and almost impossible task. In Winter and Spring we grow them to great perfection; with the beginning of the Summer's heat, however, their vigor and beauty begins to fail, and gradually they drop their leaves, ending their season in June till August. For bedding purposes, they are under most circumstances entirely out of the question, met with in their full glory, but very seldom in favored spots. \$2.50 per dozen. 25 cents each.
- Gazania**—In variety, free flowering plants. 25
- Gynerium Argenteum**—Pampass Grass; very ornamental for bedding out during summer 25 to 50
- Gnaphalium Lanatum**—A pretty foliage plant, with downy white leaves and stems; very useful for ribbon bordering. 25
- Geraniums, Zonale**—Of this universal favorite we have a large list of varieties, many of which are desirable only for home or pot culture, while other varieties are among the most popular bedding plants. 25
- Variegated-Leaved Geraniums**—A class composing some of the most popular and novel varieties. As ornamental foliage plants, they form a group of plants distinct from all others. Many bear brilliant scarlet flowers, being therefore so much more acceptable to the amateur. In our climate the choicest varieties require a careful treatment, being rather sensitive of excessive heat and continued wet weather. For bedding out they are rather precarious, and prove to burn out during our droughts. When planted out they should have a shady situation, in which they succeed in genial seasons.
- Alma**—Dark green, silver margin, flowers scarlet. 25 to 50
- Bijou**—Leaves round, silver margin, flowers scarlet. 25 to 50
- Cloth of Gold**—Leaves golden yellow, with darker margin. 25 to 50
- Lady Plymouth**—Silver-edged Rose Geranium. 25 to 50
- Mountain of Snow**—Leaves silvery white, flowers scarlet. 25 to 50
- Mrs. Pollock**—The finest of the class. Leaves green, with a zone of bronze crimson, the margin of which is tinted with scarlet, and an edge of lighter green. Margin of leaves bright yellow. 50
- United Italy**—Similar to the above, with beautiful shading of white and crimson
- Sceptre D'Or**—Golden yellow foliage. 25
- Tri-color**—Leaves beautifully variegated, with zones of red and yellow, flower scarlet. 50
- Oak Leaf**—A well known hardy variety, each leaf distinctly shaded, dark brown in center. 25 to 50
- Ivy-Leaved Geranium**—Leaves nearly resembling the Ivy leaf, of thick and glossy texture. Habit of growth is trailing, making this class very desirable for hanging vases.
- Peltatum**—Leaves glossy green, free blooming in large trusses. 25
- Variegatum**—Like the above, with variegated foliage. 25
- L'Elegant**—A beautiful variety, silvery and green. 50
- Holly Wreath**—Leaves golden variegated. 25
- Lopezia Rosea and Alba**—Free growing, red and white flowering plants; flowers produced in great abundance; very useful for bouquets and baskets of cut flowers. 25
- Lysimachia Nummularis** (Moneywort)—A hardy, herbaceous, trailing plant, much grown during winter for hanging-vases. 25
- Myrsiphyllum Asparagoides** (Smilax)—There is no climbing plant in cultivation that surpasses this in the graceful beauty of its foliage, and its peculiar wavy formation renders it one of the most valuable of all plants for vases and hanging-baskets, as it can be used either to climb or to droop, as required; in cut flowers, particularly for wreaths; it is now considered indispensable by all florists. 50
- Oxalis**—In varieties; tuberous plant. 25
- Petunia**—Double; for green-house culture, showy and free blooming; for bedding still better. 25
- Penisetum Longistilum**—Feather Grass (see Ornamental Grass). 25
- Pelargonium or Lady Washington Geranium**—This class comprises the most showy, brilliant flowering varieties of the Geranium tribe. Foliage and flowers are very distinct from the Scarlet Geranium or Zonale family. For variety of design and brilliancy of colors, they are not surpassed by any other flower. Their culture is easy in most any climate. Spring is their growing and flowering season. Plenty of air should ever be admitted to the growing plants; without this, they languish and

come to naught; when planted out in open ground, they generally grow too rampant, and flower but rarely during summer and early fall. Our collection comprises many of the most desirable and choicest varieties. Well grown plants in bloom or buds, 50 cents to \$1.00; smaller plants.....		25 to 50
<i>Plumbago Capensis</i> (Leadworth)—Free flowering bedding plants, bearing large clusters of light blue flowers, resembling Phlox in shape.....		25
<i>Pteris Trifolia</i> (Winged Fern)—Good basket plants.....		25
<i>Pyrethrum</i> —Double Feverfew; double, white daisy-like flowers.....		25
<i>Pyrethrum Aurea</i> —Golden Feather; a foliage plant suitable for ribbon gardening.....		25
<i>Salvia Splendens</i> (Splendons, Alba, Gordonii, Patens and Leucantha)—all good bedding varieties.....		25
<i>Tropaeolum Lobianum</i> —Lilly Schmidt; climbing Nasturtium.....		25
<i>Tropaeolum Lobianum</i> , fl. pl.—Double Nasturtium.....		50
<i>Saxifraga Sarmantosa</i> (Beef-steak Geranium)—Often called Wandering Jew; good basket plants.....		25
<i>Saxifraga Tricolor</i> —Similar to foregoing, with variegated foliage.....		25
<i>Stevia Serratifolia</i> —Small white flowers; profuse winter blooming plants.....		25
<i>Vinca Major</i> —Large-leaved Perrywinkle; fine for baskets.....		25
<i>Vinca Major Variegata</i> —Fine trailing plants; desirable for decorative purposes.....		
<i>Verbena</i> —50 choice named varieties.....		15
“ “ mixed.....		10
<i>Viola</i> — <i>Tricolor Pansy</i> —From extra good seed.....		15
“ <i>Odorata</i> —Sweet Violets; semper florens.....		25
“ “ Russian.....		25
“ <i>Neapolitan</i> —Double; light blue.....		30
“ <i>Maria Louise</i> —Double; dark blue.....		40

SUCCULENT PLANTS.

This class of plants, as well as the cactus, are mostly cultivated for their curious and ornamental foliage and form of growth—stems and foliage being of a fleshy or succulent nature; all the cactuses belong to this class of vegetation. They all require but a small pot room, and should be kept rather dry during their season of rest.

<i>Agava Americana</i> (Century Plant)—Fine, strong plants, 50 cents, \$1.00, \$2.00 each, according to size; fine, matched plants, \$5.00, \$10.00 and \$20.00 per pair.	
<i>Agava Americana Variegata</i> —Variegated Century plants; foliage variegated, white and yellow; small plants, 50 cents; upwards per pair, \$5.00, \$10.00, \$20.00 and \$30.00, according to size.	
<i>Aloe</i> —Many varieties. These are similar to the Agava, but have smaller foliage; fine plants 50 cents to \$5.00 each, according to size and variety.	
<i>Eschiveria Gibbifolia</i>	25
<i>Metallica</i> —Large foliage, with beautiful metallic hue.....	50
<i>Sanguinea</i> —Deep red foliage.....	50
<i>Secunda</i> —Small, growing only 2 to 3 inches high.....	25
<i>Crassula Arborea</i> —Pretty ornamental plants, free flowering when the plant attains age.....	25
<i>Mesembrianthemum Coccinea</i> and <i>Clabrum</i> —Wax Pink. These are free growing succulents, of a trailing habit, flowering very profusely, and showy for hanging-baskets and vases; also, beautiful for rock-work.....	25
<i>Cactus</i> —Of these we have a very large collection.....	25c to 5 00
<i>Cereus Grandiflora</i> —Genuine Night Blooming Cereus; flowers very large and of the rarest beauty; very fragrant.....	1 00
<i>Nycticanthus</i> —Night Blooming Cereus; flowers rather larger than the foregoing; extra strong plants, \$5.00.....	1 00
<i>Triangularis</i> —Enormous flowers.....	50
<i>Quatragularis</i>	75
<i>Serpentinus</i>	75

BEDDING PLANTS.

Certain families of plants grown in the green-house are peculiarly suited to be planted out in Summer. These furnish to our gardens their choicest and most showy floral decorations. Being the flowers for the million, they naturally form the greatest portion of the floral trade. Grown everywhere in great abundance, their price is within the reach of every one.

Below I will give a list of the most popular bedding plants, best suited to our Western climate, and trust that it will compare satisfactorily with catalogues of other florists. We wish, however, to remind the reader that the material furnished yearly by the florist, however choice and desirable it may be, is not all that is needed to trim the garden or to decorate the lawn. Pleasing effects produced by a variety of plants and flowers are not a matter of mere notion or of accident, else most of the efforts made in gardening would prove more successful than they really are. A bed or group of flowers planted in the Spring will show throughout the season the planter's skill or ignorance in rural matters. There is a certain principle, an indisputable rule, to be observed in gardening as well as in all other walks of life. One individual plant, however showy, cannot produce the effect of a certain number of the same kind, or nearly related kinds. The effect and strength is in union, in massing each leading tribe or color, to contrast *in force* with other objects. A group of Leaf Plants, as a unit, will strikingly contrast with a mass of blooming Geraniums. Another group, with a center of brilliant Coleus, surrounded by an edge of whitish foliage, will be a bit of pleasing harmony and striking contrast. And so with the selection of the various colors of profusely-flowering plants, what endless variety can be produced by distinctness in the leading colors! Contrary to this principle, dictated by stern common sense, sometimes called good taste, the sorry practice of planting all indiscriminately, regardless of effect, prevails in but too many gardens, their owners fancying that pleasing variety is produced by independent confusion. This mistake in ornamental gardening we have fought for years, as florists, and in connection with landscape gardening, and may be excused for recording our protest anew against a practice so utterly at variance with the idea of horticulture.

ZONALE GERANIUMS.

This class is in the foremost rank of Bedding Plants. The vigorous growth, free blooming habit and brilliancy of color of many varieties, make them indispensable to any collection. Not less attractive and desirable is their character as a green-house, parlor and Winter-blooming plant.

The flower of most Scarlet Geraniums is uniformly round; some varieties, however, are distinct for the long and pointed form of their petals; these florists style the Nosegays. In color they are divided into four distinct classes, the scarlet-red, the white, the pink and salmon color. The value of varieties is graded by their habit as profuse Summer or Winter-bloomers. Price, 25 cents; \$2.50 per dozen, except when otherwise noted.]

SCARLETS AND CRIMSON.

BEATON'S RIVAL (Nosegay)—Deep crimson, compact growth.

CRYSTAL PALACE—Crimson, tall growing.

DR. KARL KOCH—Very large, deep crimson, velvety; very desirable Winter-flowering variety.

DR. NEWHAM—Foliage and stems distinctly marked, flowers bright scarlet; free bloomer.

DR. MURAT—Immense truss; deep scarlet flowers, a single flower measuring two inches across; very good. \$1.00 each.

DR. HCGG (Nosegay)—Flowers and truss very large, deep carmine with lilac shade; very rare color; good.

DR. LINDLEY—Bright, fiery scarlet, free Winter-bloomer, leaves marked with a dark zone; very desirable.

DONALD'S BEATON—Free Winter-bloomer.

ECLAT (Nosegay)—Deep crimson, very large truss and flower, fine foliage; extra 50c.

GEN. LEE (Nosegay)—Flowers large, light crimson; very good. 50c.

GEN. GRANT, } Resembling each other very
GEN. SHERMAN, } nearly; bright red, large
trusses, immense bloomers throughout
the season; for bedding out the most desirable kinds. \$2.00 per dozen.

GARIBALDI—Foliage dark zone, flowers light scarlet.

HERO (Nosegay)—Deep scarlet, very free Winter-bloomer.

HERALD OF SPRING—Deep scarlet, large white center.

IMPERIAL—Bright scarlet.

ILLUSTRATION—Bright carmine, good color.

KING OF ITALY—Flower large, lightest shade of scarlet; very good market variety.

KATE ANDERSON—Compact growth; large truss; good.

LUCIUS—Very good; free Winter-bloomer.

LE GRAND (Nosegay)—Deep crimson.

MRS. GRAHAM—Deep scarlet.

MRS. HARKAWAY (Nosegay)—Bright scarlet, small truss, free bloomer.

RIISING SEN—Large and full truss.

STELLA (Nosegay)—Strong grower, large truss, free flowering, crimson.

STELLA COMPACTA (Nosegay)—Scarlet, compact growth, producing immense trusses of flowers during the entire season; choice bedding variety.

TOM THUMB—Dwarf, bright scarlet, free bloomer.

TRICOLOR—Foliage nicely marked and variegated, flowers light scarlet, dwarf habit.

WHITE.

WHITE TOM THUMB—Dwarf, compact habit, free bloomer.

MAD. VANCHIER—White, rosy tint.

GALANTIFLORA—White, tall growing.

DUCHESSE DE CHAMBRIERE—Purest white, flowering freely during Summer; best white bedding variety.

LA PORITE—Pure white.

PINK.

BEAUTY OF SURRENS—Clear Pink, large flower and truss, very compact; foliage marked with dark zone.

CHRISTINA—Flowers profusely; small truss, delicate pink.

HELEN LINDSEY—Fine, large flower, white center.

MAID OF KENT—Bright pink, white center, large flower.

MRS. WHITTY—Flowers large, white center.

SALMON AND BICOLOR VARIETIES.

INCOMPARABLE—Salmon-striped, white, free bloomer, small truss.

MONS. BARRE—Deep salmon, flowers large; small, pure white centre.

COMTESSE DE POURTALIS—Salmon, light edge; large truss.

BICOLOR—Salmon, light edge.

PHILOMENE LASSOME—Large flowers, deep salmon center, white edge, free bloomer.

MAD. BARON DE HAUSMANN—Salmon, white border.

GRACIE—Light Salmon, large flower, free bloomer.

DOUBLE GERANIUM.

A beautiful class of Geraniums, of the scarlet tribe. Growth very robust, leaves larger and more showy than those of the scarlets. Flowers brilliant and very double, forming compact trusses. As easily cultivated as the single varieties. They are becoming very popular since more universally known. The petals do not drop as easily as those of the single kind, and are therefore far more useful for bouquet purposes. Price, 25 cts. each; \$2.50 per dozen, except otherwise marked.

GLORY DE NANCY—Carmine crimson, full double.

MADAM LEMOINE—Very double, large clusters bright pink; the best bedding variety.

ANDREW HENDERSON—Pink.

MADAM CHARMECEUX—Double; Tom Thumb; brilliant scarlet; dwarf.

TRIUMPH DE LORAIN—Cherry scarlet.

DELIGHT—Rosy crimson.

WM. PRITZER—Brilliant scarlet.

LA VESUVE—Large truss; glowing scarlet.

SCENTED GERANIUM.

With exception of the Apple Geranium, all scented Geraniums are free-growing, desirable bedding plants, which should be found in every garden. Their foliage is indispensable for the formation of bouquets. Price, 25c. to 50c. each; \$2.50 to \$5.00 per dozen, according to size.

APPLE—50c.

BALM—Large dark-green leaves.

BRIDAL RING—Resembling the Rose Geranium.

LADY PLYMOUTH—Silvery variegated Rose Geranium.

LEMON GERANIUM—Small delicate leaves; highly fragrant.

NUTMEG—Grayish color.

PRETTY POLLY.

PEPPERMINT.

PENNYROYAL.

ROSE-SCENTED.

“ Large leaved.

SHRUBLAND PET—Light green, foliage bushy; blooms freely; dark red.

GERANIUM ODORATISSIMUM—A hybrid of the Rose Geranium tribe; leaves large and very fragrant; flowers large, pink; resembling the Pelargonium. 50c. each.

HELIOTROPE.

The Heliotrope, notwithstanding a homely, modest looking flower, is nevertheless one of the greatest treasures of Floriculture. Its vanilla-scented perfume, freedom of growth, and abundance of flowers, both in the garden as well as in the greenhouse, are qualities but seldom found in one plant. 25c. to 50c. each; \$2.50 to \$5.00 per dozen; according to size.

The following are the most distinct and desirable varieties in cultivation, possessing the best blooming qualities and most compact habit.

BLANDIUM.

COMTE DE MASSIFF—Dwarf; very dark.

CHIEFTAIN—Pale, nearly white.

ELEGANS—Pale.

GEN. VALHUBERT—Blue.

LITTLE NEGRESS—Dark.

LADY JANE MAR—Delicate violet.

LOUIS NAPOLEON—Dark blue; extra fragrant.

MAD. RENDATLER—Violet; large truss.

MAD BELANGER.

ROI DES HELIOTROPES—Violet; lilac center.

NIGHTINGALE—Dark.

STAR OF THE NIGHT—Very large; dark.

SOUVENIR DE LIEGE—Pale, nearly white; largest flower; strong grower.

SALVIA.

A free growing, profusely flowering family; very showy in masses on the lawn; flowers borne on graceful drooping stems. Price, 25c each; \$2.00 per dozen.

SPLENDENS GORDONII—Flowers bright scarlet; dwarfish habit.

SPLENDENS MAJOR (Mexican Sage)—Bright scarlet.

LEUCANTHA—Purple and white.

PATENS—Large flowers, of a deep, rich blue.

SPLENDENS ALBA—A new and very desirable variety; in growth resembling the Mexican Sage; flowers pure white.

CARDINALIS—Deep scarlet; flowers very large.

ROSEA—Long spikes of pink flowers.

LANTANA.

Most admirably suited to our dry and burning summers, of rampant growth, and covered throughout the season with flowers of the most varied colors; deserves the attention of every amateur, and more general cultivation. Price, 25 to 50 cents each, according to size; \$2.50 to \$5.00 per dozen.

ALBA GRANDIFLORA—White.

ALEXANDER VON HUMBOLDT—Orange, Rose and purple, extra.

DELICATISSIMA—Pinkish lilac, small-leaved.

EUGENIE ROSE—White

FLORA—Pale red, scarlet center, changing.

FLAVELLIANA—Silvery, shaded rose.

FLAVA—Pale yellow.

GRAND SULTAN—Orange.

HENDERSONII—Lilac, pink and rose, variegated.

L'ABBE TROUVE—Yellow, edged carmine.

MRS. COLLET.

MUTABILIS MAJOR—Large flower, orange.

RUBRA LUTEA—Red, yellow and variegated.

RAPHAEL—Orange, rose purple, extra.

PRINCESS CLOTHILDA.

ROSEA SUPERBA—Rose and yellow.

ABUTILON (Fairly Bell.)—Plants of strong erect growth, attaining a height of four to six feet in one season; bloom profusely in the latter part of the Summer. Flower bell-shaped, drooping gracefully on slender stems. When grown in pots, they are free-blooming during winter.

ALBUM—Pure white. \$0 25

DUC DE MALAKOFF—Orange, striped brown. 25

MESOPOTAMICUM—A novel, slender and drooping growing kind, very desirable for Winter-flowering and greenhouse culture. Flowers scarlet and yellow, distinct in shape from other varieties; desirable for bouquets. 25

SANTANA—A new species, with flowers of large size, of dark-brownish crimson, distinct and beautiful;

darkest sort in cultivation; fine for Winter-blooming. \$0 25

STRIATUM—Smaller flower, free bloomer orange and red. 25

THOMPSONII—A new and beautiful variety, with large and showy variegated leaves. 25

VAN HOUTTII—Light orange, with rosy tint. 25

VENONIM. 25

ABUTILON. per doz. our selection 2 50

ABUTILON Variegata.—Habit and growth similar to the foregoing; foliage variegated; very desirable basket plants. Price 25c each.

ERYTHRINA CRISTA GALLI—Coral Plant—An old and well known favorite bedding plant, of robust growth and well suited to our climate. Blooms freely during Summer; flowers large, of a deep coral red; very distinct and ornamental. The roots are taken up after the first frost and saved, like Dahlias, in a temperate dry place. Plants sufficiently strong to flower the first season, \$1.00 to \$2.00 each.

LYCHNIS FLOS CUCULI PLENO—Double White Lychnis.—A valuable plant for Summer bouquets; flowers pure white, two inches in diameter, resembling a double carnation. It blooms from middle of June to October. Entirely hardy in this section. Price, 30c each; \$3 00 per dozen; extra strong, 50c each.

LOBELIA.—Plants of easy growth, delight in moist, half-shaded ground or cool location. The dwarf sorts make beautiful edgings, and are much used in hanging-vases. Price, 20c each; \$2.00 per dozen.

ALOYSIA CITRIODORA—Lemon Verbena.—An old well-known favorite. The peculiar fragrance of the foliage makes it indispensable in every collection. Unsurpassed for bouquet use. Price, 25c each; \$2.00 per dozen.

AGERATUM MEXICANUM.—An endless bloomer, when planted out, as well as pot-grown during Winter. Flowers light blue. Easily raised from seed or cuttings. Price, 25c each; \$2.00 per dozen.

AGERATUM—TOM THUMB.—A dwarf variety, growing six to ten inches high; a free-flowering sort; flowers of cerulean blue; plant of a very compact dwarf habit; fine for front rows in flower borders; a fine bedder. Price, 25c each; \$2.00 per dozen.

PLUMBAGO CAPENSIS.—One of the most profusely flowering hot-house plants. Delicate blue flowers in large trusses, and very showy; a good bedding plant. Price, 25c each; \$2.50 per dozen.

JUSTITIA CARNEA and DISCOLOR.—A showy, free-growing hot-house plant, most admirably suited for bedding out. Flowers freely throughout the summer; of great effect, and to be recommended to every amateur. Price, 25c each; \$2.50 per dozen.

DOUBLE FEVERFEW.—A well known, white, double, Daisy-like flower, growing about eighteen inches high, blooming freely throughout the season. In favorable winters hardy. Price, 25c each; \$1.60 per dozen.

CUPHEA PLATYCENTRA.—A bushy, compact-growing plant, with delicate tube-shaped flowers, covering the entire plant. Price, 20c each; \$1.50 per dozen.

NIEREMBERGLA FRUTESCENS.—This new Nierembergia forms a very graceful rounded bush, its straight and upright stems branching at the top in every direction, and throwing out a profusion of thread-like drooping branches, covered from May to October with an immense quantity of very pretty white and purple flowers, larger than those of *N. gracilis*; a very valuable and beautiful plant. Price, 25c each; \$2.00 per dozen.

CONVOLVULUS MAURITANICUS.—A hardy trailing plant, with bright blue flowers. Admirably adapted for vases or hanging-baskets. Price, 25c each; \$2.50 per dozen.

CESTRUM NOCTURNUM (Night Blooming Jasmine).—Shrubby plants of easy culture, blooming in August and September. The flowers, borne in great profusion, are a pale greenish-yellow color, their delicate perfume being perceptible at a great distance, but only at night. It thrives remarkably well bedded out. Price, 25c to 50c each.

TRYCIRTIS GRANDIFLORA.—A beautiful, hardy herbaceous plant, producing flowers in spikes about six inches in length, resembling in their markings and formation some species of Orchids, possessing a fragrance resembling the Heliotrope, blooming in October and November. The ground color of the flower is lilac, marbled with white. Price, 30c each; \$2.50 per dozen.

VERBENA.—The height of perfection attained in this family by oft-repeated hybridizing, is being followed by a lack of vigor in many favorite varieties, many of which are passing out of cultivation in consequence of the "rust" which invests the growing plants. The rust makes itself mostly felt in summer, when the first vigor in growing and blooming is checked by the heat of the season. During winter also, the disease often becomes very serious, blackening and crippling the top ends of the various shoots. A remedy for this disease we do not know—trying to prevent it as much as possible by a constant vigorous growth of the plants in summer by extra care and cultivation, in winter by a lively temperature. New and vigorous seedling plants are freer from disease than their parents; florists therefore, are constantly raising such to take the place of older sorts. We have bestowed much care on this topic, and have now in cultivation a full variety of the best flowers and colors, embracing all we know to be desirable. Price, 10c each; \$1.00 per dozen.

In general variety, named sorts.....	per 100	\$8 00
" unnamed sorts.....	"	5 00
12 best scarlet.....	not named, per dozen	1 25
12 best white.....	"	1 50
12 best purple.....	"	1 25

CHRYSANTHEMUM.—Of this choice Fall flower I have a good collection; distinct varieties; young plants ready April 1st. Price, 20c each; \$1.50 per dozen.

NERIUM (Oleander).—For varieties and description, see list on page 9, which contains the best varieties in cultivation.

TRITOMA.—A family of herbaceous plants, unsurpassed for beauty and ornamental effect. Leaves dark green, three-edged and gracefully drooping. Flowers borne on long, upright stems, arising above the foliage, and densely set with pendant flowers of a bright, orange-scarlet color, changing to yellow when in their height of bloom. For showy effect and brilliancy we do not know of any substitute. They are admirably adapted for forming large, effective groups and beds, in which the numerous terminal, flame-colored blossoms have a fine effect.

TRITOMA GRANDIFLORA—Flowers large, deep orange, tinged red. 25c each; \$2.50 per dozen.	TRITOMA MEDIA—25c each; \$2.50 per dozen.
	TRITOMA UVARIA—Orange, tinged yellow. 25c each; \$2.50 per dozen.

GYNERIUM ARGENTEUM (Pampas Grass).—Without exception the most ornamental, stately-growing and profusely-flowering species of all the Grasses. The canes are six to eight feet high, bearing large feather-like plumes from eighteen to twenty-four inches long, of silvery white and silky color. Under good protection it often stands our winters; best saved, however, when lifted, with all the ball that will adhere, and wintered in the cellar. Price, 40c each; \$4.00 per dozen.

PENISETUM LONGISTILUM (*Feather Grass*).—This is one of the prettiest ornamental Grasses. A single plant will, in one season, cover a space of three feet in diameter, growing about 2½ to 3 feet high, the long, slender leaves bending very gracefully to the ground, while the whole plant is covered the entire season with large white feathery blooms. Very ornamental and beautiful for Winter or dried bouquets. Price 25c each; \$2.50 per dozen.

ERLANTHUS RAVENNA.—A perennial Grass, resembling the Pampas in appearance and habit of growth but attaining a greater height than that variety. Its handsome flower-spikes, in graceful feather-like plumes of silvery white, are produced in great abundance, and are exceedingly beautiful. Price, 40c each; \$3.00 per dozen.

GYMNOTRIX LATIFOLIA.—A reed-like Grass, with long, slender foliage, growing six to eight feet high; beautiful for grouping on lawns. Price, 25c each; \$2.50 per dozen.

CLIMBING PLANTS.

SUITABLE FOR BEDDING OUT.

BOUSSINGAULTIA BASSELOIDES—Maderia or Mignonette Vine, twenty feet..	\$0 05	SENECIO SCANDENS (Summer Ivy)—Light green Ivy-shaped leaves, rapid grower, twenty feet.....	\$0 25
COBEA SCANDENS—Fifteen feet	25	MANETTIA CORDIFOLIA—Dark green leaves, bright scarlet flowers, ten feet.	25
IPOMEA MEXICANA—Twenty feet.....	50	TRAPEZOLUM—In varieties, twelve feet.	25
MAURANDIA BARCLAYANA—Fifteen feet.	25	PASSIFLORA VIOLACEA (Passion Vine)—Fifteen feet.....	40
The Maurandia are amongst the most ornamental of all climbing plants, having very neat, small foliage, with beautiful flowers, blooming from July till frost.		PASSIFLORA DECAISNEANA—Very large leaves, flowers fragrant, twelve feet	50
SOLANUM JASMINOIDES—White flowers in cluster, very strong grower, twelve feet.....	25	PASSIFLORA CERULEA—Twelve feet....	50
SOLANUM JAS. VARIEGATA—Foliage variegated.....	25	PASSIFLORA INCARNATA—(Hardy Passion Vine).....	25
		PASSIFLORA ALTO.....	50

COLORED FOLIAGE PLANTS.

The introduction of Colored Foliage Plants, of late years, has opened a new era in Floriculture. Plants of a foliage varying in color from a silvery white to the deepest shade of scarlet or purple, delighting in the very heat of our Summers, of great decorative effect, a mass of the brightest colors at all times in the season, is surely a great relief and blessing to a climate like ours, subject to extremes of heat and drouth, to which many a floricultural pet must be sacrificed. These ornamental leaf plants have proved a match for any Western drouth, retaining their charming character when other favorite flowers fail and cease to bloom. Wherever introduced, heretofore, these lovely colors would not be missed again. Individual notion and taste, in blending various colors, has in their arrangement its freest scope. The purple, scarlet, red and silvery white will ever be pleasing to the eye, when planted in corresponding masses; a low and bushy habit of the plants is easily attained by oft-repeated trimming.

The following kinds are well tried, and much admired wherever known. We may refer with some propriety to the lively masses of leaf plants so universally noticed and admired in many parts of Lafayette Park and at the St. Louis Fair Grounds.

This class of plants is a specialty with us, and thousands of them leave our propagation houses yearly. No better investment for floral effect, for lawns and gardens can be made.

CENTAUREA GYMNOCARPA.—A beautiful downy, white foliated plant, with drooping fern-like leaves, forming a graceful, rounded bush about two feet in diameter. Splendid for ribboning or bedding, forming a beautiful contrast with dark-foliaged plants. Price, 25c to 50c.

CENTAUREA CANDIDISSIMA.—A beautiful plant, with white, downy foliage, growing about two feet in height, and forming a magnificent contrast with Coleus or other dark-foliaged plants. Indispensable for ribbon system. Price, 25c to 50c each.

WIGANDIA VIGIERII.—A leaf plant of great beauty and effect on the lawn and in the flower garden. The immense, large green-silvery foliage and luxuriant habit make it the most showy and ornamental of all bedding plants in cultivation. Unmindful of heat and drouth it flourishes during Summer with wonderful luxuriant growth. As a single specimen on the lawn it is surpassed by no other plant; in connection with other large-leaved plants it forms a striking contrast; grows from four to seven feet in one season. Price, \$1.00 each.

CALADIUM ESCULENTUM.—This is one of the most beautiful of ornamental foliage plants, and thrives well planted out in a moist place during Summer. Price, 25c to 50c each; \$2.50 to \$4.00 per dozen.

CALADIUM PURPUREA.—Deep purple stems, and dark green foliage. Price, 50c each.

CANNA, or INDIAN SHOT.—For adornment of the flower garden this magnificent genus is unrivaled. Its stately growth, combined with its rich and various-colored flowers and most picturesque foliage, render it the most striking and effective of our ornamental plants, when intermixed with groups of other plants. The roots can be lifted after the first frost and kept in a dry cellar, free from frost, and be planted out again in the ensuing Summer. Named varieties: Price, 25c each; \$2.50 per dozen. Mixed, 15c each; \$1.50 per dozen.

COLEUS.—The Coleus are too well known to require any description, their reputation as a plant for bedding or massing being world-wide. Our collection comprises the most desirable varieties only. Price, 20c each; \$2.00 per dozen.

ALTERNANTHERA.—Dwarf, bushy plants, with brilliantly-colored leaves; excellent for vases or hanging-baskets. Planted in light soil in the flower garden, they succeed to perfection—the great heat of the Summer sun bringing out the full beauty of the foliage. Price, 20c each; \$1.50 per dozen after May 1st.

SPATHULATA.—Tinted Carmine.

VERSICOLOR.—Rose and deep crimson.

TRICOLOR.—Very bright color.
SPECTABILIS.

COCOLOBA PLATYCLADA.—A beautiful ornamental bedding plant, with curious flat stems, of a dark green, fresh and glossy appearance; does remarkably well bedded out, exposed to sunny places. If planted as edging of a border, they can be pruned and trimmed as the box-wood; also desirable as a basket plant. Price, 25c each; \$2.00 per dozen.

ABUTILON VEXILLARIUM VARIEGATUM.—The foliage of this beautiful new variety is spotted and blotched in the style of *A. Thomsonii*, and fully as beautiful as the foliage of that fine plant.

ARUNDO DONAX VARIEGATA.—This is a very beautiful and ornamental reed-like plant, growing about ten to twelve feet high, with broad lance-leaved foliage of a deep green, beautifully striped with white. Magnificent for lawns or side beds. Price, 75c each; \$6.00 per dozen.

ACHYRANTHES.—A leaf plant nearly related to the family of Coleus. Requires a more shady position. Price, 20c each; \$2.00 per dozen.

AREUS RECTICULATUS.—Purple and yellow.

CASII.—Similar to the above, but with pointed leaves.

ACUMINATA.—Dark red.

VERSCHAFFELTII.—Dark red and rose.

GILSONII.—Lighter red.

LINDENII.—Purple narrow leaves.

BOURBONICA.—Dark purple, downy leaves.

VINCA VARIEGATA.—A beautiful variety of the Perrywinkle, with bright green leaves, edged with yellow, and flowers of deep blue. Excellent for baskets, rock-work and vases. Price, from 15c to 50c each.

TALINUM PATENS or (Basella Rubra Variegata).—A beautiful species of the well-known Madeira or Mignonette Vine, but of half-shrubby style of growth, with no tendency to climb, as in the Madeira Vine; the leaves are succulent, variegated green and white. It stands the hot, dry summer to perfection, and will be a very great addition to our basket or vase plants. The flowers are pinkish, having the odor of the Madeira Vine. Price, 25c each.

SALVIA ARGENTEA.—Large, downy white leaves; very hardy, standing the greatest exposure of sun and heat, growing about eight inches high; desirable for forming the outer lines of a border. Price, 25c each; \$2.50 per dozen.

GNAPHALIUM LANATUM.—A downy white-foliaged plant of creeping habit, admirably adapted for the front line of ribbon borders, also a great acquisition to our basket plants. Price, 20c each; \$2.00 per dozen.

PYRETHRUM (Golden Feather).—A variety of the Feverfew, with golden feather-like foliage, growing very compact, and retaining its bright color throughout the season. Price, 25c each; \$2.00 per dozen.

PERISTROPHEA ANGUSTIFOLIA VARIEGATA.—A very desirable basket plant, doing remarkably well bedded out during Summer; leaves yellow and green; very distinct. Price, 25c each; \$2.50 per dozen.

ABUTILON THOMPSONII.—This most beautiful, new variegated foliage plant is one of the finest acquisitions that has been lately made to our ornamental leaf plants. The ground color of the leaf is bright green, shaded and mantled with yellow, giving it the appearance of mosaic work. It retains its variegation during the hottest weather, which renders it very valuable as an out-door decorative plant for massing with other foliage plants. Price, 25c each; \$2.50 per dozen.

AGERATUM VARIEGATUM.—Very desirable on account of its variegated foliage, which is bright green, marked with broad golden edges, shaded crimson. It has tresses of blue flowers, like *A. Mexicanum*. Price, 25c each; \$2.50 per dozen.

CINERARIA MARITIMA.—White foliage plant, with deeply-cut leaves, and of a vigorous growth. A splendid plant to plant in the border. Price, 25c each; \$2.00 per dozen.

ARTEMISIA STELLERIUS.—This is one of our best silver-foliaged plants. Its stems, branches and leaves are alike covered with silky-white hairs, giving the whole plant a charming silvery appearance, being of a close, neat branching habit. It is excellent for beds or edgings. Price, 20c each; \$2.00 per dozen.

HARDY HERBACEOUS PLANTS.

These are the most desirable class of plants for garden culture. They are all hardy, stand our winter without protection, out doors, and when once planted, require very little or no care, more than to keep clean from weeds. They die down to the ground in the fall, throwing up each Spring a succession of fresh growth. The following have all proved to be hardy in this climate, but a dressing of long manure every Fall, besides benefiting the roots, secures a finer growth and succession of flowers.

<i>Achillea Rubra</i> (Millfoil)—Red flowered.....	\$0 20
<i>Achillea Filipendula</i> —Fern-leaved.....	25
<i>Achillea Tomentosa</i> —Pretty trailing plant, with lemon-yellow flowers, produced in great abundance.....	25
<i>Aquilegia Vulgaris</i> —Double Columbine.....	25
<i>Arundo Donax Variegata</i> —Variegated Cane, growing eight to twelve feet high, very ornamental.....	75
<i>Agrostema Rosea</i> —Mullen Pink.....	25
<i>Bocconia Japonica</i> —Ornamental foliage plant, whitish foliage, very hardy.....	25
<i>Carnations</i> —In varieties.....	25
<i>Chrysanthemum</i> —In varieties.....	25
<i>Clematis Erecta</i> —White, free flowering.....	25
<i>Chelone Barbata</i> —Flowers tube-shaped, coral red, produced in great abundance during summer.....	25
<i>Campanula Persicifolia</i> —White Canterbury Bell, very pretty.....	30
<i>Convallaria Majalis</i> (Lily of the Valley)—Double—\$1.50 per dozen.....	15
<i>Delphinium Formosum</i> (Perennial Larkspur)—Large deep blue.....	30
“ <i>Chinensis</i> (China Larkspur)—White, and various shades of blue.....	25
<i>Dianthus Barbatus</i> (Sweet William)—Strong plants.....	25
“ <i>Chinensis</i> —(China Pink).....	25
<i>Funkia Cœrulea</i> —(Blue Day Lily).....	15
“ <i>Grandiflora</i>	20
<i>Gypsophylla Paniculata</i>	50
<i>Hemoricallis Fulva Variegata</i> (Orange Lily).....	25
“ <i>Graminea</i> (Lemon Lily)—Very desirable on account of its delicious fragrance; hardy and free flowering.....	25
<i>Iris Germanica</i> —These plants hitherto little noticed, merit attention for their beauty, diversity of color, and facility of culture; growing equally well in shaded or exposed spots. Price, per dozen.....	2 00
<i>Agathocles</i> —Brown and yellow.....	\$0 25
<i>Agatha</i> Center silvery white, outer petals striped blue.....	25
<i>Amanda</i> —Blue-shaded lilac.....	25
<i>Black Prince</i> —Nearly black.....	25
<i>Dove</i> —Dove color.....	25
<i>Germanica</i> —Dark blue.....	25
<i>Leonidas</i> —Purplish blue.....	25
<i>Lutea</i> —Golden Yellow.....	25
<i>Lilacea</i> —Clear lilac.....	25
<i>Nymph</i> —Gray and blue, variegated....	25
<i>Duke of York</i> —Dark blue, pale eye.....	\$0 25
<i>Emperor Napoleon</i> —Buff and violet..	25
<i>Florentine</i> —Pure white.....	25
<i>Fairy Queen</i> —Silvery veined, blue.....	25
<i>Pseudo Aurea</i> —Fine straw color.....	25
<i>Queen Victoria</i> —White and blue.....	25
<i>Rosina</i>	25
<i>Trifolia</i> —Dark sky blue.....	25
<i>Thyspe</i> —Variegated.....	25
<i>Pumilla</i> —Dwarf Iris, for edging, several varieties. Price, 50c per dozen	10

<i>Alum Perennis</i> (Perennial Flax)—Sky blue; free bloomer	\$0 25
<i>Lathyrus Latifolia</i> (Everlasting Pea)—Very free flowering, producing large clusters of red flowers	25
<i>Lysimachia Nummularia</i> (Moneywort)—A hardy trailing plant, very desirable for rockwork or rustic baskets; flowers yellow	15
<i>Lychnis Chalcedonica</i> —Bright scarlet flowers	25
<i>Lychnis Floscucli</i> —Flowers very double; resembling large white carnations, blooming throughout the entire summer; large plants	50
<i>Lychnis Viscaria, fl. pl.</i> —Foliage resembling pinks, producing large stocks of flowers; similar to Ten-week stocks	50
<i>Monarda Didima</i> (Oswego Tea)—Bright crimson flowers; fragrant foliage	25
<i>Pæonia Chinensis</i> —In choice named varieties	25
<i>Passiflora Incarnata</i> —Hardy Passion Vine	25
<i>Penstemon Grandiflora</i>	40
“ <i>Hybrida</i>	25
<i>Plumbago Larpenia</i> (Leadwort)—Small deep blue flowers	25
<i>Polygonum Bistortum</i> —Decorative plant, with large foliage, producing large clusters of white racemes; similar to Maderia vine, very fragrant; suitable to plant in clumps of shrubby	25
<i>Pulmonaria Virginica</i> (Blue Bell)	25
<i>Pyrethrum</i> —In two choice double varieties; flowers resembling Asters, very desirable	50
<i>Phlox</i> —Several varieties	25
“ <i>Repens</i> —Creeping Phlox	15
<i>Ranunculus Acris</i> (Butter Cup)—Double yellow; very hardy	15
<i>Sedum Fabiana</i> —Hardy variety, with large foliage and large heads of flowers; ornamental	25
<i>Tournefortia Heliotropiodes</i> —Trailing plant, Verbena-like habit; flowers similar to Heliotrope	20
<i>Tunica Saxifraga</i> —A very neat little plant, growing 4 inches high, innumerable little flowers, rosy, very hardy; doz, \$1.50; per 100, \$10.00	20
<i>Veronica Speedwell</i> —Blue flowers; free bloomer	25
<i>Verbena Aubletia</i> —Hardy; Verbena purple	15
<i>Vinca Minor</i> —Common Perrywinkle	15
“ <i>Major</i> —Large green leaves; blue flowers, strong grower	25
“ <i>Major Variegata</i> —Large blue flowers, leaves variegated yellowish white, well adapted for rock-work; also, for house decoration	25
<i>Viola Semperflorens</i> (English Violet)—Sweet; very free blooming	20
“ <i>Neapolitan</i> —Double; light blue; \$2.50 per dozen	52
“ <i>Russica</i> —Very large, flower deep blue; very robust growth; per doz. \$2.50	25
“ <i>Alba Plena</i> —Double, white; per dozen, \$3.00	35
“ <i>Maria Louise</i> —Deep blue; very double, new; per doz. \$2.50	25
<i>Yucca Filamentosa</i> (Adams Needle and Thread)—Ornamental plants retaining their dark green foliage during winter, producing a flower stock of 3 or 4 feet in height, covered with white bell-shaped flowers	50 to 1 00
12 Hardy Herbaceous Plants , our own selection, for	2 00
100 “ “ “ “ for	10 00
Tarragon Plants , for flavoring Vinegar, per dozen, \$2.50	25

We call especial attention to this Plant for its hygienic qualities; boiled in vinegar it imparts to it a delicate aroma and pungent refreshing odor, and once used it will never be discarded.

ROSES.

Our collection of this favorite flower is very complete, consisting of all the standard old varieties; besides many choice varieties. Below I name some of those varieties that I have a good stock of saleable plants. Price 50c. each; \$5.00 per dozen; except marked otherwise. Extra selected plants at advanced prices.

NOISETTE.

CHROMOTELLA, or Cloth of Gold.
CAROLINE MARNIESSE—White, with pink tint;
free bloomer.
MADAM BRIST
MARGARITA—Yellow, 75c.
OPHIRE—Copper color buff; 75c.

TEA ROSES.

ADAM—Blush rose
BOUGERE—Light rose color.
BON SILENE—Bright waxy-red; beautiful in the bud.
BELLE LYONAISE—Deep canary yellow, \$1.00 each.
CAROLINE.
COMPTE DE LA CARTHÉ—Very desirable flowers; delicate pink, 75c.
DEVONIENSIS—Light sulphur-yellow.
GLORIE DE DIJON—Delicate waxy-yellow.
GOURAULT—Clear rose, with darker center.
HOMER—Light rose.
JAUNE D'OR—Golden yellow, 75c.

ISABELLA SPRUNT—Sulphur yellow; good Winter-bloomer.
MARSHAL NIEL—Very large, yellow, 75c.
MADAM BRAVY—White.
MADAM FALCOT—Nankeen yellow.
MADAM RACHEL—Pale pink.
MADAM RISTORI.
REINE DE PORTUGAL—Large, coppery buff, \$1.00.
SAFRANO—Deep buff; good.
LA SYLPHIDE.
LA PACTOLE—White, yellow tint.
TRIUMPH DE LUXEMBOURG—Copper color.
WHITE TEA.

BOURBON.

APPOLINE.
BOQUET DE MARIA—75c.
BOURBON QUEEN.
HERMOSA—Free bloomer.
MADAM BASANQUET—Blush rose.
MARSHAL VILLIERS.
LOUIS ODIER—Good.

LEIVSON GOWER.
GLORIE DE ROSAMAIN.
JOSEPH GORDON.
SOUVENIR DE LA MALMAISON—Very large blush; extra, 75c.
PEERLESS.

BENGALL.

AGRIPPINA—Deep crimson.
CELS—Pink.
IMPERATRICE EUGENIA.
PINK DAILY.

WHITE DAILY.
LOUIS PHILLIPP.
VERIDIFLORA—Green Rose.
VENUSVIUS—Deep blood red.

HYBRID REMONTANT.

AUGUSTA MIE—Light rose; good.
ARTHUR DE SANSAL—\$1.00.
ALPAIDE DE ROTALIER—\$1.00.
ANNA D. DIESBACH—Rosy carmine.
BEAUTE DE WALTENHAM.
BELLE NORMANDIE—Light rose, \$1.00.
CAROLINE DE SANSAL—Deep blush.
CARDINAL PATRIZZI—Deep red; purplish.
CHAS. VERDIER.
COMPTE DE PARIS.
DR. ANDRY—Deep carmine, \$1.00.
DUC DE WELLINGTON—\$1.00.
DUCHESS MEDINA COELI—Very dark red; \$1.50.
LA FRANCE—Inner petals silvery white, outer petals lilac; \$1.00.
LOUIS DARZENS—White, \$1.00.
MAD. CHAS. WOOD—Brilliant carmine red; extra, \$1.00.
MAD. TROTAIRE—Deep purplish red; good.
MARSHAL VILLIANT—Deep red.
PÆONIA—Deep rose.
PIUS IX.

EMPEROR OF MOROCCO—Velvety; very dark.
ENFANT DE MT. CARMEL—Dark red.
EUGENE SUE.
FISHER HOLMES—Brilliant red; \$1.00.
GEANT DES BATAILLES—75c.
GEN. JACQUEMENOT—Crimson, 75c.
GEN. WASHINGTON—Bright red, 75c.
GEN. LANE.
GLORIE DE SANTENAY.
JOHN HOPPER—Brilliant crimson rose; \$1.00.
LA REINE.
LA DUCHESSE DE MORNAY—\$1.00.
LE LYONNE COMBATS.
PRINCE CAMILLE DE ROHAN—Dark velvety carmine.
SENAIOR VAISE.
SOUV. DE LA REINE ANGLETERRE—Rose color.
SYDONII.
TRIUMPH DE LA EXPOSITION—Bright carmine red.
VICTOR VERDIER.
TYRA HAMMERICH—Flesh color; \$1.00.

MOSS ROSES.

This class is perfectly hardy, blooming but once; buds mossy-like, crested. These should be represented in every garden. Several choice varieties. Price, 75c to \$1.00 each; \$6.00 to \$9.00 per dozen.

RUNNING ROSES.

These are well adapted for covering arbors, trellis, walls, etc., many of them growing twenty to thirty feet in one season. Price, good plants, 25c each; \$2.50 per dozen; extra strong, two years old, 50c each; \$5.00 per dozen.

CAROLINE—Pinkish white.
COUNT ARLOFF.
DE LA GRIEFFERRAU—Red, changeable.
GEM OF THE PRAIRIES—This variety blooms several times during the season. New, 75c to \$1.00 each.

MRS. GUNNEL—Pink.
MARIA—White.
RUSSEL'S COTTAGE—Very dark.
SCARLET GREVILLA—Scarlet foliage.
QUEEN OF THE PRAIRIE—Red.

MISCELLANEOUS ROSES.

BANKSIA LUTEA—Small flowers, in clusters; 60c.	BURR ROSE—Red; 40c.
BURGUNDY ROSE—Very small, growing only one foot high. 25c each; \$2.00 per dozen; \$10.00 per 100.	GEORGE IV—Very dark; 50c.
	HARRISON'S YELLOW—Sulphur yellow; 50c.
	MAD. PLANTIER—Pure white, in clusters. Large plants, 25c to 50c.

ORNAMENTAL CLIMBERS—Hardy.

Very desirable to cover screens, lattice work or unsightly objects; as these will run up high and cover a large space, they may be planted on a place where there is but little room; alongside of a building where a shrub would not have room to spread, a vine will mostly succeed well.

<i>Akebia Quinata</i> —A beautiful Japan vine, perfectly hardy, with beautiful small dark green glossy leaves, and large clusters of chocolate-purple colored flowers; very fragrant.	50
<i>Ampolepsis Quinquifolia</i> (American Ivy)—For rock-work this variety is very desirable; also to cover a stone wall, the vine will fasten itself to the wall, without any support; very showy.	40
<i>Ampelopsis Veitchii</i> —A fine hardy climbing plant, with foliage similar (but smaller and neater) to the common Virginian Creeper, and producing rich purple leaves during the whole growing season, which turn to brilliant red in the Fall. It adheres very firmly to any surface, each.	25
<i>Bignonia Grandiflora</i> (Trumpet Vine)—A rapid growing vine, with large red trumpet shaped flowers.	40
<i>Clematis Flamula</i> —A strong growing vine, flowering freely.	40
<i>Lonicera Japonica</i> (Woodbine)—Evergreen Honeysuckle, with white fragrant flowers; this variety is well adapted to plant on rock-work.	25
<i>Aurea Reticulata</i> (Golden Netted Honeysuckle)—Leaves bright green netted all over with golden veins; leaves changing in Autumn to bright crimson; very pretty.	25
<i>Coccinea</i> (Scarlet Trumpet Honeysuckle)	40
<i>Caprifolium</i> —Very strong growing variety; very fragrant.	40
<i>Micania Scandens</i> —A pretty climber, with long narrow foliage, and small brown flowers.	40
<i>Wistaria Frutescens</i> —This vine will grow from twenty to thirty feet in a season, making a dense shade; flowers deep blue, produced in long clusters, very hardy.	40
<i>Alba</i> —Same as above, producing white flowers, very desirable and rare; assorted varieties, \$4.00 per dozen.	50

ORNAMENTAL SHRUBS.

Our collection of Shrubs is not very large, but comprises only desirable varieties, such as should be found in every garden.

<i>Calycanthus Florida</i> —Strong	50 cts to \$0 75
<i>Deutzia Gracilis</i> —Dwarf flowers pure white; desirable.	40
<i>Scabra</i> —Flowers white; similar to above, but larger	40
<i>Lilac</i> (<i>Syringa Vulgaris</i>)—Common purple.	25
<i>De Marley</i> —Large clusters purple flowers.	50
" <i>Alba</i> —Pure white, in large clusters.	50
<i>Persian</i> —Small foliage; free blooming.	25 to 50
<i>Magnolia Purpurea</i> —Strong	1 00
<i>Philadelphus Syringa</i> , or Mock Orange.	25 to 50
<i>Zephyr</i> —Large white; growing very erect.	50
<i>Coronarius</i> —Sweet scented.	50
" <i>fl. pl.</i> —Double flowered.	50
" <i>Nanus</i> —Very dwarf, growing only one foot high.	25
<i>Pyrus Japonica</i> —(Burning Bush or Japan Quince)	50
" <i>Alba</i> —Flowers pink and white, variegated.	50
<i>Robina Hispida</i> —Red flowering Locust	40
<i>Rhus Cotinus</i> —Smoke tree; strong.	50
<i>Sambucus Variegata</i> —Variegated Elder.	50

<i>Spirea—Prunifolia</i> —Small, double, white flowers; produced in great profusion	50
<i>Collosa Alba</i> —A dwarf growing shrub; flowers pure white.....	25
<i>Collosa</i> —Flowers bright red.....	50
<i>Douglassi</i> —Red, blooming during Summer.....	40
<i>Reesii</i> —White, in clusters, very profuse bloomer.....	40
<i>Blardii</i> —White.....	40
<i>Tamarix Africana</i>	50
<i>Viburnum</i> (Snow Ball)—Small plants, 25c each; large.....	50 to 1 00

EVERGREENS.

<i>Arborvitea</i> —American Round Top—Good plants	\$0 50
<i>Siberian</i> —Good plants.....	50 to 1 00
<i>Golden</i> —Large plants.....	\$2.00 to 3 00
<i>American</i> —.....	50 to 1 00
<i>Cupressus Lawsoniana</i> —Fine plants, pot grown, sure to succeed.....	2 00

SUMMER FLOWERING BULBS AND TUBEROUS ROOTED PLANTS.

FOR SPRING PLANTING.

This department comprises only plants with tuberous or bulbous roots, such as are desirable and well adapted to our climate; among these are to be found some of the most showy and gorgeous of all Summer-blooming plants. We have, for example, the Dahlia, in many hundred different forms and shades of color, varying in size from the Aster to the largest Hollyhock. Among the Gladiolas we find also an almost endless variety of color, ranging from pure white in all imaginable shades of color, to the brightest carmine, crimson and scarlet, blooming throughout the entire season. What can be more delightful than the fragrance of the Tuberoses? Yet not less beautiful and attractive are the flowers, which are to be found among the Tigridias, Tritomas, Amaryllis, etc. Among them are some of the most showy ornamental foliage plants, such as Canna, Dahlia, Imperialis, Caladium, Esculentum, etc. At least some of these plants should be found in the garden of every amateur. They can easily be sent by mail to any part of the country, without any additional cost for transportation, are without exception of easy culture, and can be easily preserved during the Winter, if taken up after the first frost, and placed in any situation free from frost, where they can remain till the time for planting in the following Spring.

DAHLIAS.

This collection comprises all the novelties of the English, French and German growers' besides many of our own seedings, which are already favorably known. To the Dwarf and Boquet Dahlias, we would call particular attention; for small gardens they are better suited than the tall growing varieties.

In ordering, it is *only* necessary to give the numbers, and date of catalogues. Persons not acquainted with the varieties will do well to leave the selection to us. Those living at a distance will do well to send in their orders soon, in order to procure dry roots, which are preferable to shipping plants in small pots.

The Dahlia will do well in most any soil. Let it be dug at least eighteen inches, and highly manured, if very poor soil. The best is well decomposed cow-dung. They may be planted from May 1st to July 15th. In order to get a good show of flowers, it is necessary to mulch the ground about eighteen inches or two feet around each plant, about three to four inches deep. The best mulch is well rotted stable manure; if that is not to be had, straw or half-rotted grass will answer very well. Thin out the superfluous branches, and see that the stems are well secured to strong stakes. Take up the roots in the Fall, after the first frost has killed the tops, and place them in their winter quarters. They are best preserved during Winter, by putting them in boxes or pots, filling the space between the roots with dry sand, and placed safe from damp, fire, heat and frost.

DAHLIAS, GENERAL COLLECTION, 1874.

Large flowering varieties, three to four feet high, except where noted. Price, 25c each, \$2.50 per dozen, \$15.00 per 100. Those marked thus (*) cannot be furnished in dry roots; can be sent out in young plants only after April 1st.

- * 1. Anna. Flower medium, shaded rose.
- * 2. Alzyra. Brownish, golden yellow.
- * 3. Atala. Large; scarlet; six feet.
- * 4. Arminius. Cochenille carmoisine.
- * 5. Belle de St. Florens. White-tipped, red; large.
- * 6. Bianca. Pure white.
- 7. Box. Crimson scarlet; large, six feet.
- 8. Brilliant of Koesteritz. Brownish-red, tinged scarlet.
- 9. Ceres. Fine, rosy salmon; large.
- * 10. Champion. Very dark purplish-violet.
- 11. Contraband. Deep purplish-violet.
- * 12. Comtesse de Chambord. Dark-brownish violet, edged rose and white.
- * 13. Criterion. Orange vermillion.
- * 14. Citrinus. Clear sulphur-yellow.
- * 15. Comtesse Olga. Satin-white, on pea-color ground, perfect center; large.
- 16. Deutsche Zauberin. Pure white, lilac and variegated flowers.
- 17. Dr. de la Croix. Pale yellow, striped crimson, back of petals lilac.
- * 18. Erl King. Deep cherry, with small crimson and white tip.
- * 19. Emily. Delicate rose; large.
- * 20. Erinnerung an Helena. Light buff; large, six feet.
- * 21. Fadette. Rosy lilac, with white center; very large.
- 22. Fetero. Dark buff, mottled rose.
- * 23. Field Marshal Radetzky. Brilliant vermillion, tipped white.
- 24. Fire Flame. Bright scarlet; large, five feet.
- * 25. Forget-Me-Not. Dark purple, edged with crimson and white.
- * 26. Friedrich Schiller. Dark maroon, nearly black.
- * 27. Friedrich Adler. Violet.
- 28. Furst zu Thuringen. Dark-purplish crimson.
- 29. Fulgens Picta. Deep scarlet, white tip.
- * 30. Fanny Lewald. Delicate peach, center silvery white.
- 31. Garibaldi. Black, changing to crimson; very rich bloomer.
- * 32. Cloth of Gold. Golden yellow.
- * 33. Garters Stolz. Nearly black, tinged carmine.
- 34. Gluehende Kohle. Deep, fiery scarlet; large.
- 35. G. O. Kalb. Cherry-red, blue tint; five feet.
- 36. German Sun. Bright lemon-yellow, large rose form.
- 37. Gen. Sigel. Yellowish-red.
- 38. Gen. Rosecrans. Bright cherry; large.
- 39. Globe. Amaranth-red.
- * 40. Gold Hanchen. Golden yellow, shaded brown.
- 41. Golden Sun. Lemon-yellow; large.
- 42. Gracie. White, pointed violet.
- 43. Grand Heburn. Light violet, very large.
- 44. Gruss an Potzen. Bright crimson-scarlet; small.
- 45. Herald. Light violet.
- * 46. Hebe. Pea color, back of petals lilac; small.
- 47. Hector. Reddish-violet.
- * 48. Imperial Crown. Buff, striped and spotted crimson; large.
- * 49. Inspector Krause. Dark maroon.
- 50. Jesse Fremont. Deep lilac.
- 51. Junette. Carmine, rose form.
- 52. Juno. Fine rosy lilac.
- 53. Julius Baer. Crimson-scarlet; large.
- * 54. Jungfrau von Osterland. Peach, with silvery-white center.
- * 55. King of Prussia. Cochineal-scarlet.
- 56. Kohinoor. Lemon-yellow, rose form; very large.
- 57. King of Africa. Black.
- 58. Ladies' Taste. White, pointed rose; small.
- 59. L. Tittleback. Nearly black.
- 60. Laura. Cream white, changing to rose, tipped with carmine.
- 61. Louise. Delicate rosy lilac.
- 62. Lord Fielding. Maroon; small flower.
- 63. Luige Bononie. Fire-scarlet; very large, five feet.
- 64. Mad. Schminke. Lilac, fine rose form.
- 65. Mad. Markhardt. Pale yellow on white ground.
- 66. Mad. Wunder. Delicate canary-yellow, pointed milk-white.
- 67. Mad. Reitsamer. Golden buff, tipped red.
- * 68. Mad. Wisterius. Pure white.
- 69. Marie Antoinette. Pure white; large.
- 70. Mary Blattner. Light pea color, tinged violet.
- 71. Margot. Fine pink, small flower.
- 72. Margarette Risse. Silvery-lilac.
- * 73. Mary Launder. Fine lilac, striped with purplish-red.
- 74. Martha. Blush, pointed with bright purplish-crimson.
- * 75. Mars. Crimson; tinged scarlet.
- * 76. Mad. Vilmorin. White, pointed carmine; five feet.
- * 77. Merckert. Light crimson, tipped white.
- * 78. Michael Semmler. Violet, pointed white; large.
- * 79. Mons. Affre. Shaded rose, pointed white; large.
- * 80. Morning Star. Fine yellow; large.
- * 81. Morgen Stern. Deep violet, pointed white; large.
- 82. Model of Koesteritz. Brilliant scarlet-zinobor.
- 83. Mr. Sulke. Cherry-red.
- 84. Mrs. H. T. Blow. Rose, pointed cherry-red; five feet.

DAHLIAS—Continued.

- 85. Mrs. Julia Blow. Pure white; large.
- 86. Mrs. Hansard. Buff, tipped white.
- 87. Napoleon III. Yellowish-scarlet.
- 88. Nestoria. Yellow, tipped white.
- 89. Ochre Rose. Pure ochre-yellow.
- 90. Olivia. White, edged with brownish-yellow.
- * 91. Princess. Clear yellowish-buff, quilled petals, very double center, rich bloomer.
- * 92. Pater Hyacinth. Light zinobor, with white edge and center; very fine.
- 93. Pandora. Rosy pink, large white border; effective.
- 94. Pearl of Gravois. Straw color, sometimes tinged lilac; rose form, large.
- 95. Perle von Kœsteritz. Pink, rosy lustre.
- 96. Pietro Polatti. Lilac, striped cherry-red; large, five feet.
- * 97. President Romine. Deep purplish-blue.
- 98. Professor Bender. Purplish-red.
- 99. Queen Elizabeth of England. Lilac, pointed white; large.
- * 100. Rival of Camellia. Light cherry-red.
- 101. Rose of England. Violet; very large.
- 102. Rosy Morning. Buff, tipped rose.
- * 103. Rosalia. Delicate rose, fine-cupped petals.
- * 104. Rembrandt. Yellow, pointed crimson; small quilled petals.
- 105. S. P. Chase. Fire-scarlet; large.
- * 106. Star of Hyersdorf. Yellow and red, pointed white, globular.
- 107. Stern von Osterland. Deep violet, pointed white.
- 108. Striata Germanica. Violet, crimson and yellow, ribbon-like striped.
- * 109. Sunbeam. Bright yellow.
- 110. Sophia Herward. Rosy crimson on white ground.
- 111. Surprise. Milk-white, banded with light violet.
- * 112. Thusnelde. Golden yellow; small.
- 113. Triumph of Sol. Rothschild. White-shaded rose, pointed crimson.
- 114. Triumph de la Romboix. Yellow, mottled brown, pointed white; large, five feet.
- * 115. Turandot. Purplish-red, pointed white; five feet.
- 116. Turban. Lilac, recurved petals; five feet.
- * 117. Tricolor. White, rose and scarlet.
- * 118. Unanimity. Orange-scarlet; large, five feet.
- * 119. Ulysses. Purplish deep red; large.
- 120. Verina. Orange, edged amber; large, five feet.
- 121. Vesta. Purest white.
- 122. Victory. Brownish-amaranth red.
- 123. Viola von Elsterthal. Deep violet.
- 124. Wacht am Rhein. Nearly black, changing to bright crimson.
- * 125. Wm. Dodd. Golden yellow.
- 126. White rose of Gravois. White, often tinged lilac.
- 127. Wally Wittkosky. Delicate pink, with silvery white edge.

DWARF DAHLIA.

This class comprises some of the most valuable varieties in cultivation. They grow only one and a half to two feet high, forming a very compact bush, and blooming more freely than the taller varieties, requiring no stakes to keep them in shape. To those having only small gardens we would recommend this class.

- 128. Anna Cathrina. Delicate rose, variegated with purplish-crimson.
- * 129. Arabella. Red, pointed white, globular.
- 130. Carlotta Patti. Clear sulphur-yellow, with pure white edge.
- 131. Comtesse Anna. White, edged carmoisine, imbricated petals.
- 132. Charming. Delicate, clear rose color.
- 133. Eliza Polk. Violet, sometimes with rose edge.
- 134. John Withnell. Brilliant crimson.
- 135. Juno. White, rosy lustre.
- * 136. Paulina. Blackish cherry, with crimson and fine white tip.
- * 137. Pearl. Pure white.
- 138. Palida. Blush white, with golden yellow edge.
- 139. Star of Reuthlingen. Sulphur-yellow, fine cupped petals.
- 140. Tom Pouse. Reddish-purple; very purple.
- * 141. Gluehmuermer. Bright vermilion.
- 142. Jeanette. White, shaded with lilac.

LILLIPUT, or BOQUET DAHLIAS.

This class comprises only those having small, perfect flowers suitable for bouquets. Grow from three to four feet high.

- * 143. Breutchen von Kœsteritz. Peach, purple tint, black tip.
- 144. Cupido. Light cherry, tipped white, changing to dark maroon, edged rose.
- 145. Dinter. Agate carmoisine, very fine.
- * 146. Dr. Schwebes. Bright scarlet, very neat.
- 147. Exquisite. Golden yellow ground, pointed with scarlet; rich bloomer.
- 148. Fancy. Deep rose, lighter edge, sometimes black ground; edged rose.
- * 149. Gretchen von Diskau. Sulphur yellow, tipped white.
- * 150. Kleiner Oscar. Violet, globular.
- * 151. Kleines Goldlicht. Brilliant golden yellow, with vermilion top.
- * 152. Lilliput Prince. Brownish crimson, on black ground, globular; fine.

LILLIPUT, or BOUQUET DAHLIAS--Continued.

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| <p>* 153. Little Fire Flame. Bright vermilion, very neat.</p> <p>154. Little Philip. Buff, tinged with purplish-rose.</p> <p>155. Little Willie. Yellow, tipped red.</p> <p>156. Little Emma. Delicate rose color; quilled petals.</p> <p>157. Little Robert. Scarlet; very small</p> <p>* 158. Licht von Elsterthal. Flame color, extra.</p> <p>* 159. Lidia. Canary-yellow, with carmine; rich bloomer.</p> <p>* 160. Meteor. Golden yellow, with brilliant zinober, extra.</p> | <p>161. Rose von Dupple. Light scarlet, very fine.</p> <p>162. Richard. Cinnamon, with fine golden yellow tip.</p> <p>* 163. Ruby Centifolia. Ruby red, back of petals lighter.</p> <p>* 164. Sulphur Ball. Sulphur-yellow, petals quilled.</p> <p>165. Snow-flake. White, rich bloomer.</p> <p>* 166. Selma. Milk white, rich bloomer.</p> <p>167. Violet, very neat; small flower.</p> |
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MIXED DAHLIAS.

In addition to the foregoing named varieties, I have a large quantity of fine double Dahlias, of which the labels have been lost, consequently I cannot distinguish variety or color, and offer them at the reduced price of 15 cents each, \$1.50 per dozen, \$8.00 per 100.

*** DAHLIA IMPERIALIS.**

This variety is quite distinct in growth from all other Dahlias, growing about eight to ten feet high in one season, with foliage from 25 to 30 inches in length, of a rich dark green, which gives the whole plant a tropical appearance. The flowers are single, bell-shaped, somewhat resembling a white Lily in shape; blooms very profusely, but rather late in the season for our latitude, but as an ornamental foliage plant we can confidently recommend it. Further south, where the seasons are longer, it will undoubtedly be very desirable for the flowers. Price, 35 cents each; \$3.00 per dozen. Plants in pots only after April 1st.

GLADIOLUS.

Among the summer-flowering Bulbs, the Gladiolus stands pre-eminent. The following collection is the most complete offered in the West, and embraces many of the newest varieties. The Gladiolus presents a combination of the richest conceivable colors which any genius can offer, from bluish white to rose, bluish salmon with rose tints, red and nankeen; all shades from white to carmine, crimson, orange, flame and scarlet. In order to secure a constant succession of bloom during the summer, it is only necessary to plant them out at intervals of about two weeks, beginning at the 15th of March. By so doing, a constant display of flowers may be obtained from July to September.

The Gladiolus requires no special care in cultivation. Plant the roots about three inches under the surface of the ground, in any good garden soil; keep the earth stirred and free from weeds. After the first frost, the bulbs should be taken up, and stored away in a dry cellar, free from frost, where they can remain until time for planting the following spring.

<i>Anna Boleyna</i> (Hybrid of <i>Floribundus</i>).....	\$0 30
<i>Bernard de Jussieu</i> —Flower large; violet ground, shaded and tinted with cherry and purple; new.....	1 50
<i>Brenchleyensis</i> —Deep scarlet. Per dozen, \$1 50; each.....	15
<i>Calendulacea</i> —Bright nankeen, streaked with carmine.....	30
<i>Citrinus</i> —Light yellow, upper part shaded dark.....	75
<i>Courantii Fulgens</i> —Brilliant crimson, flower of good shape.....	15
<i>Comte de Morny</i> —Dark cherry-red, large white stain, striped purple.....	35
<i>Don Juan</i> —Orange red, inferior divisions spotted with yellow.....	20
<i>Eldorado</i> —Pure yellow, striped with purple.....	50
<i>Elegans</i> —Fine spike; light cherry, tinged brilliant orange, large white stains.....	40
<i>Emma</i> —Dwarf; deep carmine.....	25
<i>Eugene Donage</i> —Tender rose.....	25
<i>Eugene Scribe</i> —Flower very large and wide; perfect delicate rose, with blazed carminate red.....	1 00
<i>Flavia</i> —Deep red, with white throat.....	50
<i>Floribundus</i> —Pink, small flower; early.....	20
<i>Fulgens</i> —Small orange flower.....	15
<i>Fulgens Aurea Picta</i> (Dwarf)—Bright fire-color, tipped and striped white.....	25
<i>Gandaviensis</i> —Red, spotted yellow, striped amaranth. \$1.50 per dozen....	15
<i>General Brea</i> (Dwarf)—Red, with inner petals yellow.....	10

<i>Hector</i> —Tender rose; blotched carmine.....	\$0 25
<i>Helena</i> —Lilac tinged white, stained and striped with purple.....	35
<i>Imperatrice Eugenie</i> —Very large flower, white ground, blazed with violetish rose.....	75
<i>Isoline</i> —Carnation, stained purplish-carmine.....	40
<i>James Carter</i> —Bright orange-red, large and pure white throat, striped to the edge of the petals.....	50
<i>John Bull</i> —Whitish, sometimes almost pink, striped lilac, slightly touched with sulphur-yellow.....	25
<i>La Poussin</i> —Large red, white ground, and large white stains on inferior divisions..	50
<i>Lelia</i> —Peach-blossom, stained with lilac.....	40
<i>Louis Van Houtel</i> —Velvet carmine, stained carmine.....	20
<i>Mme. Couder</i> —Light carmine, ground of corolla rose.....	20
<i>Mme. de Valeret</i>	25
<i>Mme. Lesseble</i> —Pure white, with large purplish-rose stains.....	60
<i>Mme. Moneret</i> —Tender rose, striped white in centre of petals.....	35
<i>Mme. Paillet</i> —Rose, with white stripes on inner petals.....	20
<i>Mme. Pele</i> —Very large pink.....	30
<i>Mlle. Fanny Rouget</i> —Carnation, nearly white on inside of corolla, with carmine stripes.....	40
<i>Mathilde de Landevoisin</i> —Very large; white, slightly carnation tinted, striated with carmine.....	50
<i>Meyerbeer</i> —Very large, perfect flower; brilliant nasturtium-red, blazed with vermillion.....	75
<i>Mons. Blouet</i> —Large tender rose; shaded carmine, on inferior divisions.....	20
<i>Mr. Vinchon</i> —Light salmon-red, striped white.....	20
<i>Ninon de l'Enclos</i> —Carnation, variegated with rose.....	25
<i>Penelope</i> —Large flower, carnation white, inferior divisions tinted yellow, striped carmine.....	20
<i>Prince Imperial</i> —A vigorous, large florid plant; white shaded to flesh-color, striped carmine violet.....	25
<i>Princess Maria de Cambridge</i> —Very large and well opened flower, of good shape and upright habit; light, with very large carmine stains, extra.....	2 00
<i>Princess Mathilda</i> —Beautiful, tender rose, stained with carmine, striped dark rose.....	50
<i>Ramosus</i>	20
<i>Reine de Belge</i> —Yellow ground, upper petals streaked scarlet.....	15
<i>Rembrandt</i> —Large; rosy vermillion.....	25
<i>Solfatare</i> —Sulphur-yellow.....	75
<i>Surprise</i> (Dwarf)—Amaranthine, currant-colored; very vigorous plant.....	20
<i>Triomphe d'Engheim</i> (Dwarf)—Carmine, stained with yellow.....	15
<i>Urania</i> —Flower very large and wide, pure white, largely blazed with carmine bright rose; a brilliant variety.....	1 50
<i>Vesta</i> —Pure white, stained with yellow carmine on yellow ground.....	35
<i>Vellida</i> —Very delicate rose, with violet stains, large-flowered.....	05

GLADIOLUS—Mixed.

Fine mixed varieties, of various colors; \$1.00 per dozen; \$6.00 per 100 15

I will allow the following discount on the foregoing list, when one dozen or more are selected. On one dozen varieties, 5 per ct.; 25 varieties, 10 per ct.; 50 varieties, 15 per ct.

CALADIUM.

This is one of the most showy foliage plants, with large brilliant green leaves more than two feet in length, and nearly the same in breadth. It thrives well planted out, in a wet place, during summer.

Caladium Esculentum—Price, \$2.50 to \$5.00 per dozen..... 25c to \$0 50

CANNA, or INDIAN SHOT.

For adornment of the flower garden, this magnificent genus is unrivalled. Its stately growth, combined with its rich and various colored flowers and most picturesque foliage, renders it the most striking and effective of our ornamental plants, when intermixed in groups of other plants. The roots can be lifted after the first frost, and kept in a dry cellar, free from frost, and be planted out again the ensuing summer. Price, named varieties, 25c each; \$2.50 per dozen. Mixed, 15c each; \$1.50 per dozen.

AMARYLLIS, or SPREKELIA FORMOSISSIMA.

This is the hardiest of the Amaryllis tribe; stand remarkably well when bedded out. Plant as soon as all danger of frost is over. The bulbs throw up two or three flower stems before the foliage makes its appearance; flowers deep crimson, very large. Price, 35 each; \$3.00 per dozen.

TIGRIDA, or TIGER-FLOWER.

A native of Mexico; grows about eighteen inches high, producing flowers of the most exquisite beauty. The flowers, of a singular, curious shape, measure about four inches across. Blooms from July to October. The bulbs should be planted about the first of May, in any good garden soil, no particular care being required afterwards, except keeping the weeds down.

Tigridia Conchiflora—Richest orange, with golden yellow, and spotted with black. 15c. each; \$1.50 per dozen.

TUBEROSE.

(POLYANTHUS TUBEROSES.)

Of the many thousand flowers we cultivate, there is none that equals the Tuberose in its delicious fragrance and pure white wax-like flowers. In forming bouquets they are the most useful flowers we have; no garden should be without at least a few of this most superb flower. Plant bulbs as soon as the ground is warm and dry in the Spring. Great care has been taken to select only such bulbs as will be sure to produce flowers the coming season. The original bulb will not flower again, but the small bulbs should be saved in a very dry and warm place where they have plenty of sun, and planted the following spring. In two years the bulbs will be strong enough to produce flowers.

Double Italian, extra strong Bulbs—15c each; \$1.50 per dozen; \$10.00 per 100.

strong flowering Bulbs—10c each; \$1.00 per dozen; \$8.00 per 100.

Pearl—This variety grows only about 2½ to 3 feet high; flowers much larger than the above; very desirable for winter blooming. 25c each; \$2.50 per dozen.

Single White—Flowers waxy white; resembling a large Jassemine; very fragrant, the best variety for forcing, blooming much earlier than the Double varieties, and opening every flower, which is not the case with the Double varieties. 20c each; \$2.00 per doz.

Folia Variegata—Flowers same as the foregoing with variegated foliage; 50c each; \$4.50 per dozen.

ISMENE CALATHINE.

Very strong-growing bulbs with dark green foliage, belonging to the Amaryllis family; flowers large in clusters, pure white, and very fragrant. After first frost take up the bulbs and store away in dry sand, free from frost during winter. Price, large flowering bulbs, 50c each; \$5.00 per dozen.

BOUSSINGAULTIA BASELLOIDES—Madeira Vine.

The Madeira or Mignonette Vine is one of the finest plants for rapidly covering arbors, trellis work, &c. The leaves are dark, glossy green, flowers feathery white; very fragrant, growing fifteen feet high. Price, large roots, 5c each; 50c per dozen.

MISCELLANEOUS BULBS FOR SPRING PLANTING.

<i>Amaryllis Rosa</i> —Small pink flowers; very free bloomer.	\$2.50 per dozen; each, \$0 25
<i>Agapanthus Umbellatus</i> (African Lily)—Blooming in large clusters; blue flowers; each	1 00
<i>Agapanthus Umbellatus Albus</i> (White African Lily)	1 00
<i>Crinum Capensis</i> (Amaryllis Longifolia)—Leaves very long; flowers in clusters; valuable decorative plant, suitable for bedding out	75
<i>Phycella Chitaracra</i>	40
“ <i>Obtusa</i>	50
“ <i>Gloriosa</i>	40

SPECIAL INDUCEMENTS.

These are all varieties of which we grow very large quantities, and are enabled to furnish in season for bedding out, at these extreme low rates; selection of variety must in all instances be left to me; in selecting it will be my aim to choose distinct varieties.

Plants in this collection can be sent by mail at prices per single plant, or if ordered by the dozen, an additional 25 cents should be added to the dozen price; plants by mail will not be labelled.

	Each.	Per doz.	Per 100.
<i>Foliage Plants</i> —With white or colored foliage.....	\$0 20	\$1 00	\$1 00
<i>Aschyranthes</i> —Five varieties.....	20	1 00	5 00
<i>Coleus</i> —Eight varieties; (<i>Alternanthera</i>), four varieties.....	15	75	3 00
<i>Carnation Pinks</i> —In varieties.....	25	2 00	10 00
<i>Cuphea</i> —Two varieties.....	20	1 50	8 00
<i>Canna</i> —Eight varieties, (roots).....	25	1 50	10 00
<i>Fuchsias</i> —Twenty varieties.....	25	2 00	10 00
<i>Catadium Esculentum</i> —.....	25	2 00	15 00
<i>Double Feverfew</i> —.....	20	1 00	6 00
<i>Geranium</i> —Scarlet, bedding variety.....	20	1 50	8 00
“—Rose and scented, six varieties.....	20	1 50	8 00
<i>Lantana</i> —Ten varieties.....	20	1 50	8 00
<i>Madeira Vine</i> —(Roots).....	10	75	4 00
<i>Salvia</i> —Six varieties.....	20	1 50	8 00
<i>Tritoma</i> —Three varieties.....	30	2 00	12 00
<i>Verbena</i> —Seventy-five varieties.....	10	75	4 00
<i>Finca</i> —Three varieties.....	20	1 50	10 00
<i>Dahlia</i> (Pot Plants) - One hundred varieties.....	25	2 00	12 00
<i>Pampass Grass</i> and <i>Erianthus Ravenne</i> —Very strong.....	40	4 00	25 00
“ “ “ “ “ “—Good plants.....	25	2 00	
<i>Penisetum Longistilum</i> —.....	25	2 00	
<i>Violets</i> —English.....	20	1 50	6 00
<i>Trailing and Creeping Plants</i> —For baskets; such as, <i>Lycopodiums</i> , <i>Ferns</i> , <i>Tradescantia</i> , <i>Dew plant</i> , <i>Isolepis</i> , <i>Sedums</i> , <i>China Strawberry</i> , <i>Moneywort</i> , <i>Panicum</i> , <i>Tropaeolums</i> , <i>Hoya</i> , etc.....	15 to 30	2 00	5 00
<i>Tuberose</i> —Flowering bulbs.....	15	1 25	6 00
<i>Pæonia</i> —Ten varieties.....	25	2 50	15 00
<i>Lemon Lily</i> —(Very Sweet).....	25	1 50	6 00
<i>Funkia, or Day Lily</i> —.....	20	1 25	6 00
<i>Ranunculus Acris</i> —Butter Cup.....	10	75	5 00
<i>Iris Germanica</i> —.....	20	1 50	8 00
<i>Bedding Plants</i> —In good varieties, my selection, per 1,000.....			50 00
<i>Hardy Herbaceous Plants</i> —My selection, per 100.....			6 00

BOUQUET PAPERS.

Special attention of Florists and Amateurs is called to this article, being indispensable almost to any one making bouquets. The paper will always keep the bouquets in shape, as well as add to the beauty of the bouquet.

ITALIANS.

No.	Size	Color	Per dozen.	Per doz.
No. 1,	6½ in.	Diameter, White Edges,	\$2.50 @ \$3.50.....	
2,	5½	“ “ “ “	1.50 @ 3.00.....	Gold and Silver Edges, \$3.25 @ \$5.00.
3,	5	“ “ “ “	1.50 @ 2.00.....	“ “ “ “ 3.25 @ 3.50.
4,	4½	“ “ “ “	1.00 @ 1.25.....	“ “ “ “ 3.00
5,	4	“ “ “ “	75 @ 1.00	
6,	3½	“ “ “ “	65 @ 75	

CARTONS.

No.	Size	Price	No.	Size	Price
3 in. Diameter, 15 cts. per dozen.....			5 in. Diameter, 40 cts. per dozen.		
3½ “ “ 25 “ “.....		6 “ “ 50 “ “			
4 “ “ 30 “ “.....		8 “ “ 75 “ “			
4½ “ “ 35 “ “.....					

RUSTIC WORK.

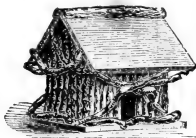
Rustic work cannot be too well recommended, as plants in it thrive better than in Wire Baskets, which are only bought because they are cheaper, but the buyer is the loser in the end after all.

Plants do well enough in a wire basket early in Spring, but when the hot and dry sun comes, they loose all strength and vigor. But such is not the case with plants in Rustic Baskets. The outside decoration acts as a partial shading, and the wood always retains the moisture, and the soil and roots are not so exposed to the open air and sun as in a wire basket.

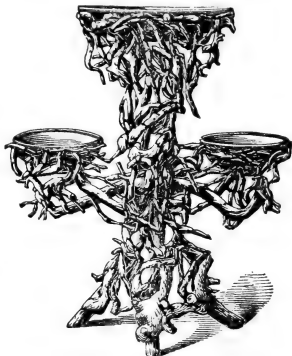
The designs represented in this list are all made on laurel roots, and are noted for their neat finish and durability, and will serve as ornaments for the lawn or a parlor.



No. 4.—Three sizes of this style. Two feet 4 inches, 1 foot 11 inch; and 1 foot 7 inch high, with oblong vases, 18, 16, and 14 inches long. Price, \$7 00. \$6 00. \$5 00.



No. 13.—Rustic Bird House. Size, 9x12 ins. Price, \$3 00.



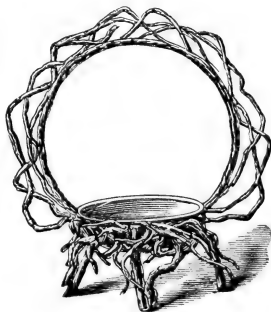
No. 6.—Three feet ten inches high, vases 16 in. square. Price, \$16.00.



No. 12.—A double Vase, 20 inches in diameter. Extreme height, 3 feet 2 inches. Height of lower part, 15 inches. Price, \$9.50.



No. 5.—Four sizes of the Hanging Basket; 9½, 11, and 12½ in. diameter, with 3, 4, and 5 in. depth for the plants. Price, \$2.00, \$2.50, \$3.00.



No. 8.—Two feet two inches high, with round bowl, 13 inches in diameter. Price, \$4.50.

WIRE DESIGNS FOR CUT FLOWERS.

FOR FLORISTS' USE.

WREATH.

7 inches.....	10 cents.
8 ".....	15 "
9 ".....	18 "
10½ ".....	20 "
12 ".....	25 "
15 ".....	30 "

STAR.

7½ inches.....	25 cents.
9 ".....	30 "
12 ".....	40 "
15 ".....	50 "

CROSS.

8 inches.....	15 cents.
10 ".....	20 "
12 ".....	25 "
15 ".....	30 "
18 ".....	35 "

HEART.

8 inches.....	30 cents.
10 ".....	40 "
12 ".....	50 "
14 ".....	60 "

ANCHOR.

12 inches.....	50 cents.
15 ".....	60 "
18 ".....	70 "
20 ".....	80 "
24 ".....	1.00 "

PYRAMIDS.

10 inches.....	50 cents.
12 ".....	60 "
15 ".....	75 "
18 ".....	90 "
24 ".....	1.00 "

Other designs such as CROWNS, HARPS, LYRES and SHIELDS, furnished to order. The above designs are very useful to the Florist. They are so constructed that they may be filled with moist moss, into which the flowers are arranged. Flowers will keep much longer, and also saves more than cost of labor in arranging, and will always give you the correct shape.

WIRE HANGING BASKETS.

No. 1.....	Diameter, 10 inches.....	Depth, 4½ inches.....	Each, \$0 50
" 3.....	" 8 ".....	" 4½ ".....	" 35
" 9.....	" 9 ".....	" 4½ ".....	" 50
" 12 (fancy).....	" 11½ ".....	" 5 ".....	" 60
" 16.....	" 12 ".....	" 5 ".....	" 75

Flower Trainers and Trellis of various sizes and pattern always on hand.

VERANDA TRELLISES.



This represents the 5, 6, 7 and 8 feet Verandah Trellis. This Trellis is extensively used, and it is particularly adapted to high climbing shrubs and vines, can be made of any desired size, and is mostly used upon Verandahs, where it is very ornamental.

5 feet.....	each, \$1 00	7 feet.....	each, \$1 50
6 ".....	" 1 25	8 ".....	" 1 75

THE PHILADELPHIA LAWN MOWER.

THE ONLY LIGHT RUNNING MACHINE IN USE.

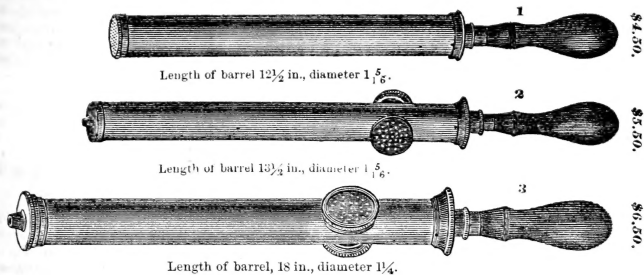
These machines, which have given so much satisfaction this season, wherever in competition at public trials, are again offered to my patrons. Special attention is called to the two new improved machines, the Junior Nos. 1 and 2. They are similar to the usual size, No. 1, but have many new improvements to them. Every machine warranted to give satisfaction when used as directed. Full descriptions for putting up and working are sent with every machine.

Send for Illustrated Circular, giving a full description of the machines.

HAND LAWN MOWERS.

No. 00.....	width of cut, 10 in. \$15 00	No. 2—Junior.....	width of cut, 16 in. \$25 00
" 1—Junior.....	" " 14 " 20 00	" 1—Usual size (see cut)....	" " 15 " 25 00

IMPROVED BRASS GARDEN SYRINGES.



Embracing a variety of patterns applicable for all Horticultural purposes in the Conservatory, Forcing House and Garden, fitted with Caps or Roses for ejecting water in one stream, or dispersing it in the most gentle manner, or with great force when required. Specially adapted for cleaning Plants and Flowers from those destructive insects which are so injurious to the young shoots, by means of Whale Oil, Soap Liquid, Tobacco Juice, &c.

These Syringes are pronounced by the trade to be the best for the price in the market.

UNPOLISHED.

No. 00 (equal in size to No. 2).....\$ 3 00 | No. 0 (equal in size to No. 1).....\$ 2 50

POLISHED.

No. 1.....\$ 4 50	No. 5.....\$ 7 50
" 2.....5 50	" 6.....8 00
" 3.....6 50	" 7.....10 00
" 4.....7 00	" 8.....9 50



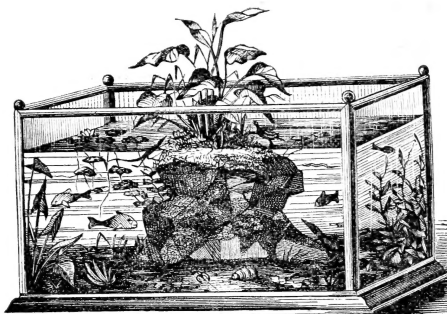
AQUARIUS.

The above cut represents the Aquarius, or Portable Hand Force Pump, a new and most invaluable article, and is offered to the professional, as well as amateur gardener, as the most complete and perfect article ever invented for throwing water. It will throw about eight gallons of water per minute, fifty feet high, with the power of one hand applied. It is the most invaluable article for greenhouse use, for throwing liquid composition, such as whale oil, soap suds, tobacco water, &c.

It is very, compact, and weighs about eight pounds. The cylinder piston rod, and couplings are all of brass.

With $2\frac{1}{2}$ ft. suction, and 3 ft. discharge hose, with pipe and sprinkler.....\$10 00

AQUARIUMS.



HOW TO ARRANGE AN AQUARIUM.

Clean the Tank well, then spread into the bottom of it, (about one inch thick) clean coarse river sand, then place in your pebbles and rocks, but try to cover all of the sand that the Fish may have no chance to stir it

up, and the water will always be clear. Nothing particular is to be observed in placing the rocks and ornaments, only put them down firm that they have no chance of falling against the glass, and in any manner to suit your own taste. Put in a sufficient quantity of Aquatic Plants; do not throw them in loose, but fasten them with the roots into the sand beneath the pebbles. If they are thrown in loose they will decay, and cause the water to get foul, and fish are sure to die. Fill the Tank to the required height, and put in the Fish, and now no more care be required; let the Fish care for themselves. You will find that by a little neglect to them, you will succeed better than by giving them so much attention. Feed but very little, and only with prepared Fish food. The water should be kept in as long as it stays clear; and by proper arrangement and treatment, will remain so for a whole year or more; the less it is changed the better. This rule cannot be applied where Fish are kept in small Glass Globes, as in such no plants can be kept, to grow to consume the carbon of the Fish.

The principle, on which an Aquarium works, is very simple. The plants, in growing, throw out Oxygen, which is inhaled by the Fish, and the carbon produced by the Fish gives substance for the Plants to grow, consequently there should be a proportionate quantity of Fish and Plants—two good Plants for each Fish.

The number of Fish required for a Tank depends on the quantity of water it holds. A Tank 8x12 inches should never have more than four or five medium sized Fish.

Always keep the glasses clean on the inside, and place the Tank in such a place to give it plenty of light, but never let the Sun shine in it.

We always keep a limited supply of **Aquariums of various sizes and patterns** on hand. Prices given on application.

Gold and Silver Fish constantly kept on hand, also **Ornaments for the Aquarium**, such as *Grottos, Arches and Castles*.

GOLD FISH, 50c. each, \$5.00 per dozen. **SILVER FISH**, 25c. each, \$2.50 per dozen.

FISH GLOBES.

ON PLAIN FEET.

One and a half gallons	\$ 2 25
Two gallon	3 00
Three quart	1 00
One gallon	1 50

FISH GLOBES—HANGING.

No. 6 (one quart)	40
No. 7	60
No. 8	80
No. 9	1 00

RESURRECTION PLANTS.

Price, 30c. each; \$3.00 per dozen. Sent free on receipt of price.

WARDIAN CASES OR FERNERIES—Round with Glass Bell and Terra Cotta Base, \$5.00 to \$10.00 each.

The Ladies' Floral Cabinet.

A NEW AND BEAUTIFUL PAPER.

Devoted Specially to the Culture of Flowers for the Flower Garden and Plants for Window Gardening or In-Door Ornament.

EMBELISHED WITH MANY EXQUISITE ILLUSTRATIONS, and printed in superior taste. Tells the Ladies all about Flower Seeds, Bulbs, Lilies, Verbenas, Bedding Plants, Ornamental Plants, &c., &c. Is a Charming Companion for every Parlor or Country Home.

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A New Book, with 250 Fine Engravings and 300 pages, containing a descriptive list of all Plants, suitable for Window Culture, Directions for their Treatment, and Practical Information about Plants and Flowers, for the Parlor, Conservatory, Wardian Case, Fernery, or Window Garden. Tells all about Bulbs for House Culture, Geraniums, Hanging Baskets, Insects, Plant Decoration of Apartments. The Illustrations are unusually beautiful, and many of them perfect gems of exquisite beauty. Price \$1.50, by mail, postpaid.

Every Woman Her Own Flower Gardener.

By "DAISY EYEBRIGHT" (Mrs. S. O. JOHNSON.)

A delightful little Treatise on Out-Door Gardening for Ladies—Practical, Timely, Charmingly Written. Cannot fail to be universally liked. Valuable information about Pansies, Roses, Geraniums, Climbing Plants, Annuals, Perennials, Fuchsias, Ribbon Beds, &c. Send for it. Printed in excellent taste. Price 50 cents postpaid; bound in cloth, \$1.00.

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It has a live Granger's Department.

It is devoted to the improved breeds of Horses, Cattle, Sheep, Swine, Poultry; to the Dairy, Apiary, Orchard, Vineyard and Garden; to the Meadow, Pasture and Lawn.

To every Farmer, Farmer's Wife, Son and Daughter, it is invaluable.

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THE FINEST SEED CATALOGUE IN THE WEST.

Our handsomely Illustrated and Descriptive Seed Catalogue for 1874 is now ready for delivery, and will be MAILED FREE TO ALL APPLICANTS.

We have the largest stock and most complete assortment of Seeds of any house in the West. We offer Seeds of VEGETABLES, FLOWERS, GRASSES, GRAINS, FRUITS, TREES, &c., for the Market Gardener, Florist, Nurseryman and Amateur. Special inducements to Market Gardeners. Send name and P. O. address for Catalogue, in either English, German or French. Address correspondence to

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SEED GROWERS AND MERCHANTS,

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CHOICE BOUQUETS

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CUT FLOWERS.



I hereby wish to call your attention to the extensive

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In the artistic arrangement of all Floral Designs sent out by me, I aim to stand unrivalled.

BOUQUETS,

CROWNS,

BASKETS,

WREATHS,

CROSSES,

&c., &c.,

as well as all other Floral Designs made to order at short notice.

Special Designs and Decorations accomplished in the most skillful and systematic manner.

Orders by Mail or Telegraph Promptly attended to.

Bouquets, Baskets, &c., can be packed and shipped with perfect safety by Express to any point within reasonable distance.

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